UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS ✓ X WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

Confidential Status Expired 4-21-95 960401 Oper. Nm. Chg.

DATE FILED	12-14-93
LAND: FEE & PATENTED / STATE LEASE NO. / PUBLIC LEASE NO. U-007978 / INDIAN	
DRILLING APPROVED:	12-20-93
SPUDDED IN:	2-14-94
COMPLETED:	3-21-94 POW PUT TO PRODUCING: 3-20-94
INITIAL PRODUCTION:	65 BOPD; 200 MCF;
GRAVITY A.P.I.	34
GOR:	3
PRODUCING ZONES:	5463-5104 (GRRV)
TOTAL DEPTH:	5700'
WELL ELEVATION:	5318.6 GR
DATE ABANDONED:	
FIELD:	MONUMENT BUTTE
UNIT:	
COUNTY:	DUCHESNE
WELL NO.	BALCRON MONUMENT FEDERAL 33-8 API NO. 43-013-31427
LOCATION 1980' FSL FT. FROM (N) (S) LINE.	1980' FEL FT. FROM (E) (W) LINE. NW SE 1/4 — 1/4 SEC. 8

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
9S	17E	8	EQUITABLE RESOURCES				

EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

December 13, 1993

-- VIA FEDERAL EXPRESS --

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

Enclosed are Applications for Permit to Drill the following wells:

Balcron Monument Federal #33-8

Balcron Monument Federal #34-7

As operator, we hereby request that the status of this well be held TIGHT for the maximum period allowed by Federal and State regulations.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

ORM 3

CONFIDENTIAL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

Type of Well: Oil Well [X] Gas Well [ ] Other — Single Zone [ ] Multiple Zone [ ]

Name of Operator: Equitable Resources Energy Company, Balcron Oil Division

Address of Operator: P.O. Box 21017; Billings, MT 59104

Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 1980' FSL, 1980' FEL
At proposed prod. zone: NW SE Section 8, T9S, R17E

Distance in miles and direction from nearest town or post office*: From Myton, Utah, approximately 16 miles southwest.

5. Lease Designation and Serial No.	Federal # U-007978
6. If Indian, Allottee or Tribe Name	n/a
7. Unit Agreement Name	n/a
8. Farm or Lease Name	Balcron Monument Federal
9. Well No.	#33-8
10. Field and Pool, or Wildcat	Monument Butte/Green River
11. QQ, Sec., T., R., M., or Blk. and Survey or Area	NW SE Sec. 8,T9S,R17E
12. County or Parrish	Duchesne
13. State	UTAH

14. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)	16. No. of acres in lease	17. No. of acres assigned to this well
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.	19. Proposed depth: 6,000'	20. Rotary or cable tools: Rotary
21. Elevations (Show whether DF, RT, GR, etc.): GL 5318.6'		22. Approx. date work will start*: Upon APD approval

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
See attached				

Operator plans to drill this well in accordance with the attached Federal Application for Permit to Drill.

RECEIVED
DEC 14 1993
DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

I hereby certify that this report is true and complete to the best of my knowledge.

Signed: ~~Bobbie Schuman~~ Bobbie Schuman — Title: Coordinator of Environmental and ~~Regulatory Affairs~~ — Date: December 13, 1993

(This space for Federal or State office use)

API NO. 43-013-31407 — Approval Date: ~~APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING~~

Approved by: — Title: — Date:

Conditions of approval, if any:

DATE: 12-20-93
BY: JBM Matthews
WELL SPACING: 649-3-2

*See Instructions On Reverse Side

(3/89)

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-007978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. UNIT AGREEMENT NAME: n/a

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME: Balcron Monument Federal

2. NAME OF OPERATOR: EQUITABLE RESOURCES ENERGY COMPANY, Balcron Oil Division — CONFIDENTIAL

9. WELL NO.: #33-8

3. ADDRESS OF OPERATOR: P.O. Box 21017; Billings, MT 59104

10. FIELD AND POOL, OR WILDCAT: Monument Butte/Green River

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: NW SE Sec. 8, T9S, R17E 1980' FSL, 1980' FEL

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW SE Sec. 8, T9S,R17E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: From Myton, Utah, approximately 16 miles southwest.

12. COUNTY OR PARISH: Duchesne — 13. STATE: UTAH

16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH: 6,000'	20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): GL 5318.6'

22. APPROX. DATE WORK WILL START*: Upon APD approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
		See attached		

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM
"B" PROPOSED SURFACE USE PROGRAM
"C" GEOLOGIC PROGNOSIS
"D" DRILLING PROGRAM/CASING DESIGN
"E" HAZMAT DECLARATION
"F" SURVEY PLAT
"G" RIG LAYOUT
"H" BOPE DIAGRAM
"I" EXISTING ROADS (Map A)
"J" PLANNED ACCESS (Map B)
"K" EXISTING WELLS (Map C)
"L" CUT & FILL DIAGRAM
"M" ARCHEOLOGY REPORT
"N" PROPOSED PRODUCTION FACILITY DIAGRAM

RECEIVED
DEC 14 1993
DIVISION OF OIL, GAS & MINING

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Bobbie Schuman — TITLE Coordinator of Environmental and Regulatory Affairs — DATE December 13, 1993

Bobbie Schuman

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

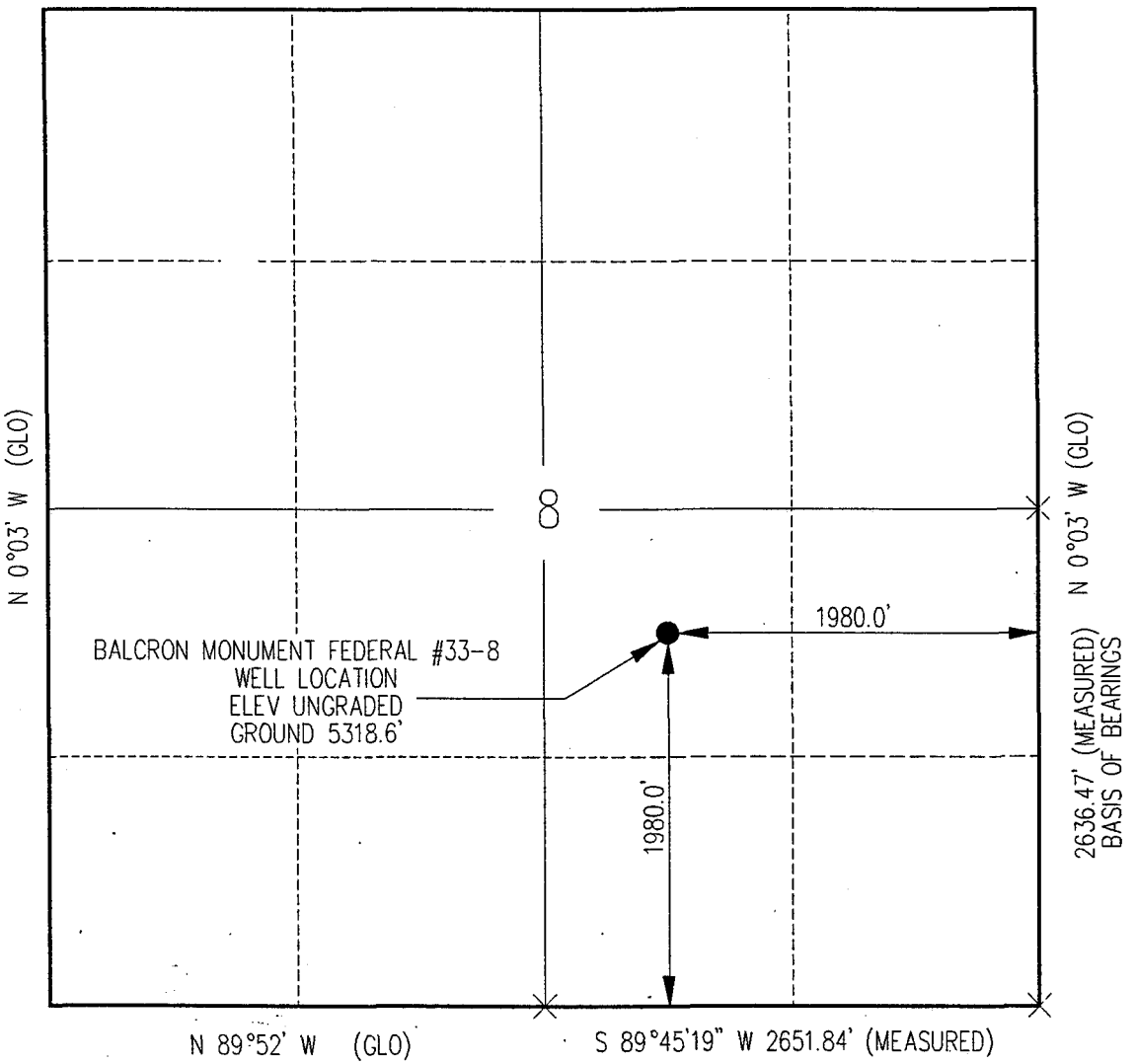
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

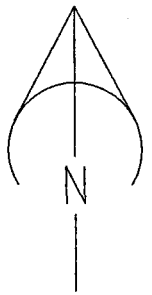
EXHIBIT "F"

T9S, R17E, S.L.B. & M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #33-8,
LOCATED AS SHOWN IN THE NW 1/4 SE 1/4
OF SECTION 8 , T9S, R17E, S.L.B. & M,
DUCHESNE COUNTY UTAH.





THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 3154
STATE OF UTAH

REGISTERED LAND SURVEYOR 3154 GENE STEWART STATE OF UTAH

X = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT 1911
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

WEATHER: CLEAR & WARM	
DATE: 11/6/93	
SCALE: 1" = 1000'	
SURVEYED BY: GS HW	
FILE: 33-8	

TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #33-8
NW SE Section 8-T9S-R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C)

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.

b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.

c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.

d. An upper kelly cock will be used during the drilling of this well.

e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.

f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.

b. All potentially productive hydrocarbon zones will be isolated.

c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.

d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).

E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following two attachments:

Drilling Program/Casing Design (EXHIBIT "D")
Geologic Prognosis (EXHIBIT "C")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.

b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.

c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

a. The drilling operations for this well will begin as soon after APD approval as possible.

b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.

c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
BALCRON MONUMENT FEDERAL #33-8
NW SE SECTION 8, T9S, R17E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

A. The proposed well site is staked and four reference stakes are present. 150' & 200' SE and 225' & 275' SW.

B. The Monument Federal #33-8 is located 16 miles Southwest of Myton Utah in the NW1/4 SE1/4 Section 18, T9S, R17E, SLB&M, Duchesne County, Utah. To reach the 42-18, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 10.6 miles to a road intersection, turn right and continue 1.0 miles to road intersection. Turn right and proceed 0.3 mile proposed access road sign. Follow flags 150 feet to location.

C. Access roads - refer to Maps "A" and "B".

D. Access roads within a one-mile radius - refer to map "B".

E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

Approximately 150 feet of new road construction will be required for access to the proposed well location.

A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

C. Maximum grade - Less than 8%

D. Turnouts - no turnouts will be required on this access road.

E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.

F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.

G. Surface materials - all construction materials will be native material taken from onsite.

H. Gates, cattleguards or fence cuts - none required.

I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and

will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

J. The proposed access road has been centerline flagged.

K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

A. Water wells - none known.
B. Abandoned wells - see Map "C"
C. Temporarily abandoned wells - none known.
D. Disposal wells - none known.
E. Drilling wells - none known.
F. Producing wells - see Map "C".
G. Shut-in wells - none known.
H. Injection wells - none known.
I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

1. Tank batteries - see Map "C".
2. Production facilities - see Map "C".
3. Oil gathering lines - none.
4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.

2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. ~~A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.~~ See EXHIBIT "N" proposed production facilities diagram.

3. Production facilities will be accommodated on the

existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.

D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.

E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.

G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

A. Water to be used for the drilling of these wells will be

hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the beginning of drilling operations.

B. No water well will be drilled on this location.

6. Source of Construction Materials

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

7. Methods of Handling Waste Materials:

A. Cuttings - the cuttings will be deposited in the reserve pit.

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.

E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.

F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.

G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the West side of location. The flare pit will be located downwind of the prevailing wind direction on the West near corner #4. Access will be from the Northeast near corner #8.

B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.

C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations.

D. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

E. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.

1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.

3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

F. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.

2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.

4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

   Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.

6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

   If the well is abandoned/dry hole, Equitable Resources

Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or dished prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, then roller packing following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 1 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

   Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 1 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:

   (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at

the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River,which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, rapters, morning doves, swallows, nighthawks, hummingbirds, and chukar.

B. The surface ownership is Federal. The surface use is grazing and petroleum production.

C. 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.

2. There are no occupied dwellings in the immediate area

3. An archaeological report xxxxxxxxxxxxxxxxxxxxxxxxxxxx completionxxxx, is attached. See EXHIBIT "N".

4. There are no reported restrictions or reservations noted on the oil and gas lease.

5. A silt catchment dam will be constructed if determined necessary as a condition of approval.

13. Lessee's or Operator's Representative:

Balcron Oil
a division of Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery, Drilling Engineer Home (406)248-3864

Dale Griffin, Home (303)824-3323

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

December 13, 1993
Date

Bobbie Schuman
Bobbie Schuman
Coordinator of Environmental and Regulatory Affairs
BALCRON OIL division of Equitable Resources Energy Co.

EXHIBIT "C"

Balcron Oil Well Prognosis

Well Name	BALCRON MONUMENT FEDERAL #33-8	**Exploratory**		**Control Well**	PAIUTE #34-8
Location	NWSE SEC 8-T9S-R17E 1980' FSL' 1980' FEL	**Development**	X	**Operator**	DMND SHMRK
County	DUCHESNE	**Field**	MON BUTTE	**KB**	5350
State	UTAH	**Section**	NWSE 8	**Section**	SWSE 8
Total Depth	5700	**Township**	9S	**Township**	9S
GL (Ung)	5318.6 **EST. KB** 5327	**Range**	17E	**Range**	17E

Formation Tops	Prognosis		Sample Top		Control Well	High/Low		
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Cntl	Deviation
UINTA	SURFACE							
GREEN RIVER	1435	3892			3922			
HORSEBENCH SS	2159	3168			3198			
2ND GARDEN GULCH	3764	1563			1593			
Y-2 SAND (PAY)	4041	1286			1316			
Y-3 SAND (PAY)	4090	1237			1267			
Y-5 SAND (PAY)	4327	1000			1030			
YELLOW MARKER	4384	943			973			
DOUGLAS CREEK	4549	778			808			
R-2 SAND (PAY)	4616	711			731			
R-5 SAND (PAY)	4746	581			611			
2ND DOUGLAS CREEK	4785	542			572			
GREEN MARKER	4919	408			438			
G-3 SAND (PAY)	4997	330			360			
CARBONATE MARKER	5391	-64			-34			
B-1 SAND (PAY)	5425	-98			-68			
TD	5700							

Samples

50' FROM 1400' TO 3850'
10' FROM 3850' TO TD

DST,s

DST #1 NONE
DST #2
DST #3
DST #4

Wellsite Geologist

Name:
From: to:
Address:
Phone # wk.
hm.
Fax #

Logs

DLL FROM SURF CSG TO TD
LDT/CNL FROM 3550' TO TD

Cores

Core #1 NONE
Core #2
Core #3
Core #4

Mud Logger/Hot Wire

Company:
Required: (Yes/No) YES
Type: TWO MAN
Logger:
Phone #
Fax #

Comments:

Report To: 1st Name: DAVE BICKERSTAFF Phone # (406) 259-7860 wk. 245-2261 hm.
2nd Name: KEVEN REINSCHMIDT Phone # " wk. 248-7026 hm.

Prepared By: KKR 12/8/93 Phone # wk. hm.

Equitable Resources Energy Company
Balcron Oil Division

DRILLING PROGRAM

WELL NAME: Monument Butte Area
PROSPECT/FIELD: Monument Butte
LOCATION: Twn.9S Rge.16E & 17E
COUNTY: Duchesne
STATE: Utah

TOTAL DEPTH: SEE APD COVER SHEET

HOLE SIZE	INTERVAL
12 1/4"	0 to 260'
7 7/8"	260 to T.D.

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260	8 5/8"	24 #/Ft	J-55
Production Casing	0	T.D.	5 1/2"	15.50#/Ft	J-55

(All Casing will be new, ST&C)

CEMENT PROGRAM

Surface	150 sacks 75% Class "G" 25% Poz with 2% CaCl and 1/4 #/Sk Flocele. (Cement will be circulated to surface.)
Production	250 sacks Thifty Lite and 400 sacks 50-50 Poz mix.

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and air mist	0	260	N.A.	N.A.	N.A.
Air/Air Mist/KCl Water	260	T.D.	8.7-8.9	N.A.	N.A.

depending on the drilling contractor either:
a.) Drilling will be with air from surface to as deep as hole conditions allow. 2% KCl fluid will be used for the remainder of the hole.
b.) Drilling will be done using 2% KCl water and gel.

COMMENTS

1.) No cores or DST's are planned.

DMM/8/27/93

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: MONUMENT BUTTE AREA
Project ID:	Location: Monument Butte, Utah

Design Parameters:

Mud weight (9.63 ppg) : 0.500 psi/ft
Shut in surface pressure : 2280 psi
Internal gradient (burst) : 0.100 psi/ft
Annular gradient (burst) : 0.000 psi/ft
Tensile load is determined using air weight
Service rating is "Sweet"

Design Factors:

Collapse : 1.125
Burst : 1.00
8 Round : 1.80 (J)
Buttress : 1.60 (J)
Body Yield : 1.50 (B)
Overpull : 0 lbs.

	Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	SFC TO TD	5-1/2"	15.50	J-55	ST&C	SEE APD COVER SHEET	4.825	

	Collapse Load (psi)	Collapse Strgth (psi)	Collapse S.F.	Burst Load (psi)	Min Int Yield Strgth (psi)	Burst S.F.	Tension Load (kips)	Tension Strgth (kips)	Tension S.F.
1	2850	4040	1.418	2850	4810	1.69	88.35	202	2.29 J

Prepared by : McCoskery, Billings, MT
Date : 11-30-1992 (Revised 8/30/93)
Remarks :

The mud gradient and bottom hole pressures (for burst) are 0.500 psi/ft and 2,850 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1990 pricing model. (Version 1.0G)

EXHIBIT E

A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

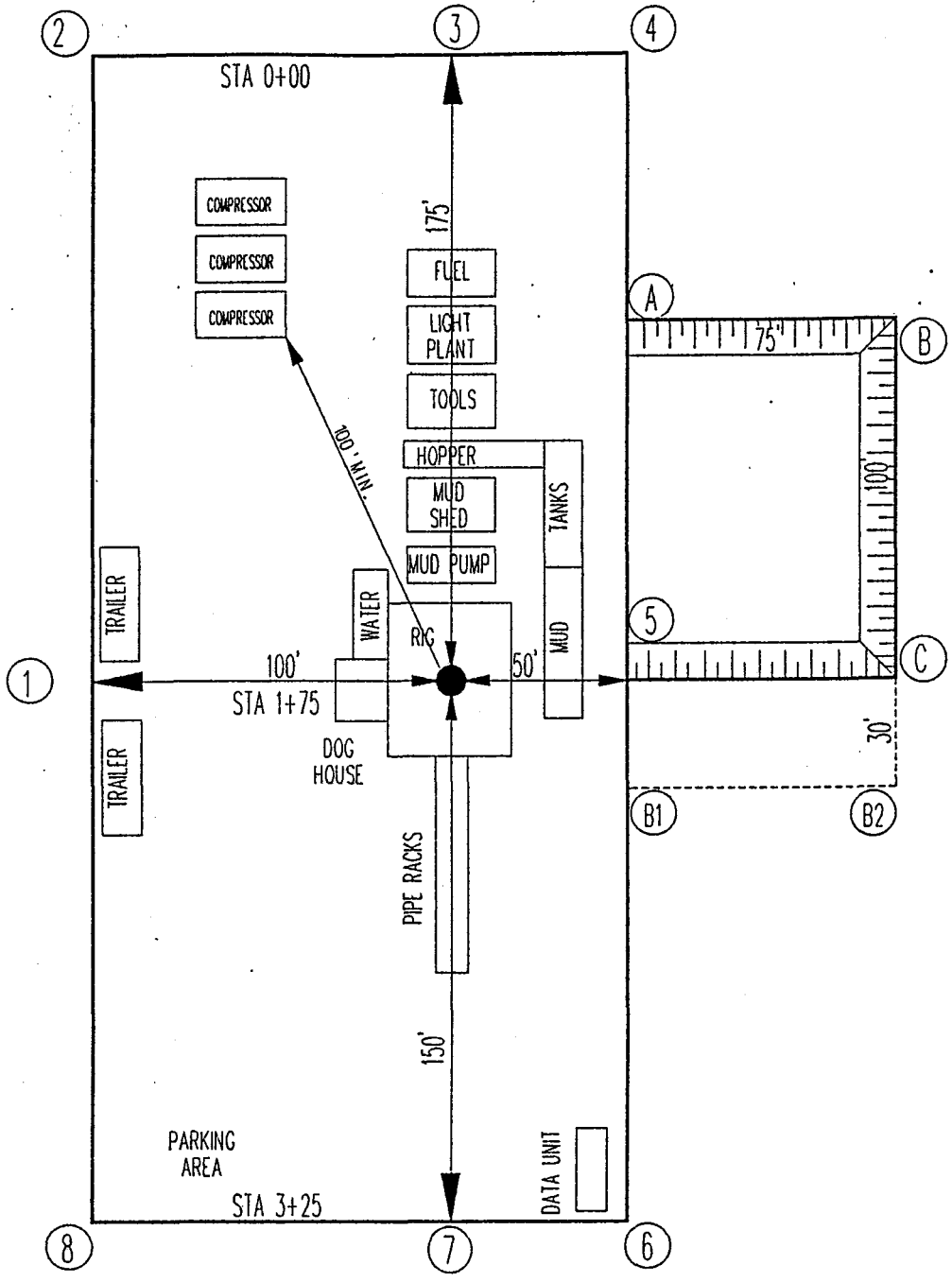
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93
Revised 12/7/93
/rs

EXHIBIT "G"

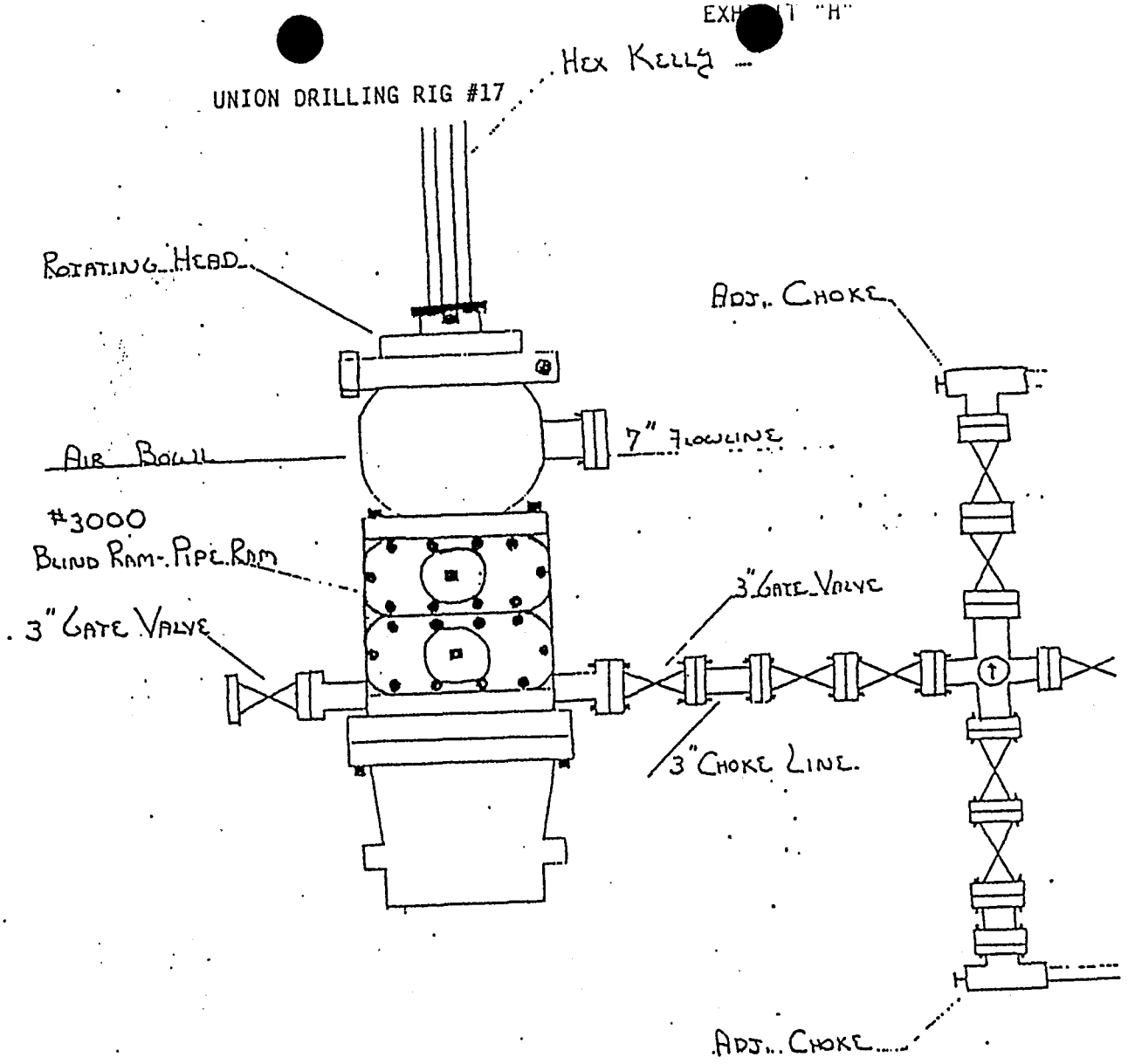
EQUITABLE RESOURCES ENERGY CO.

WELLSITE LAYOUT

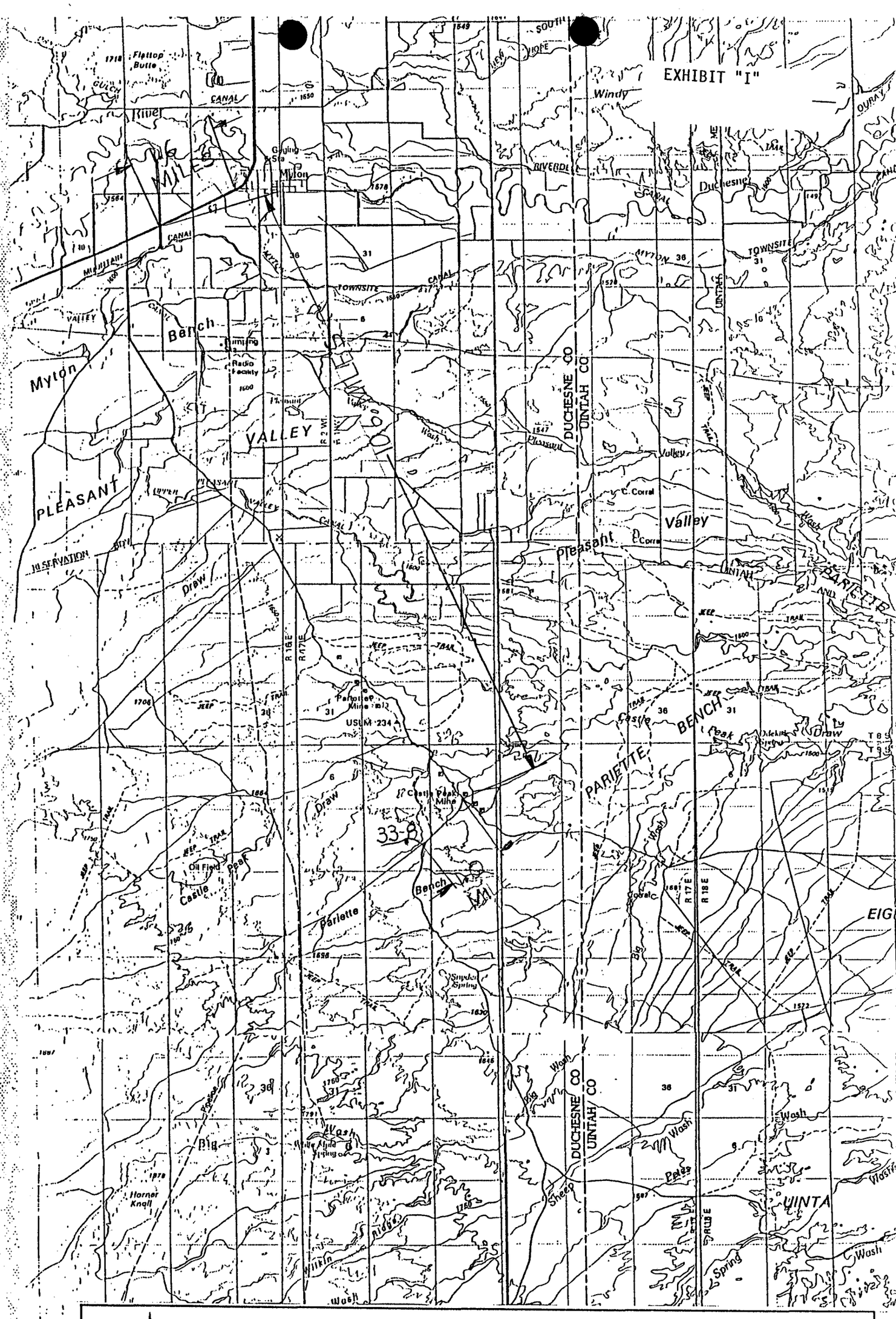


TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501

EXHIBIT "H"



#3000 Stack

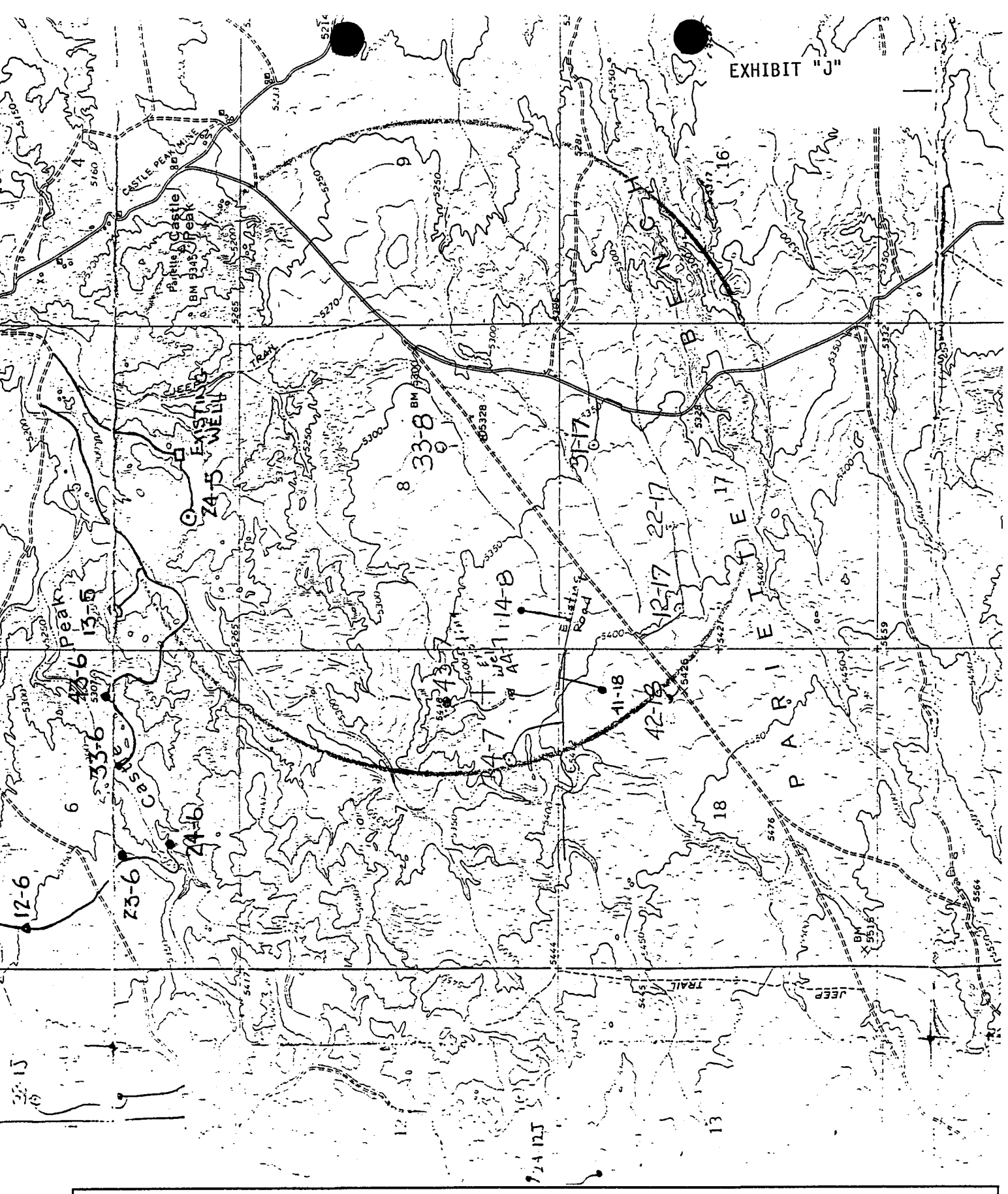


EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #33-8

MAP "A"

TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501

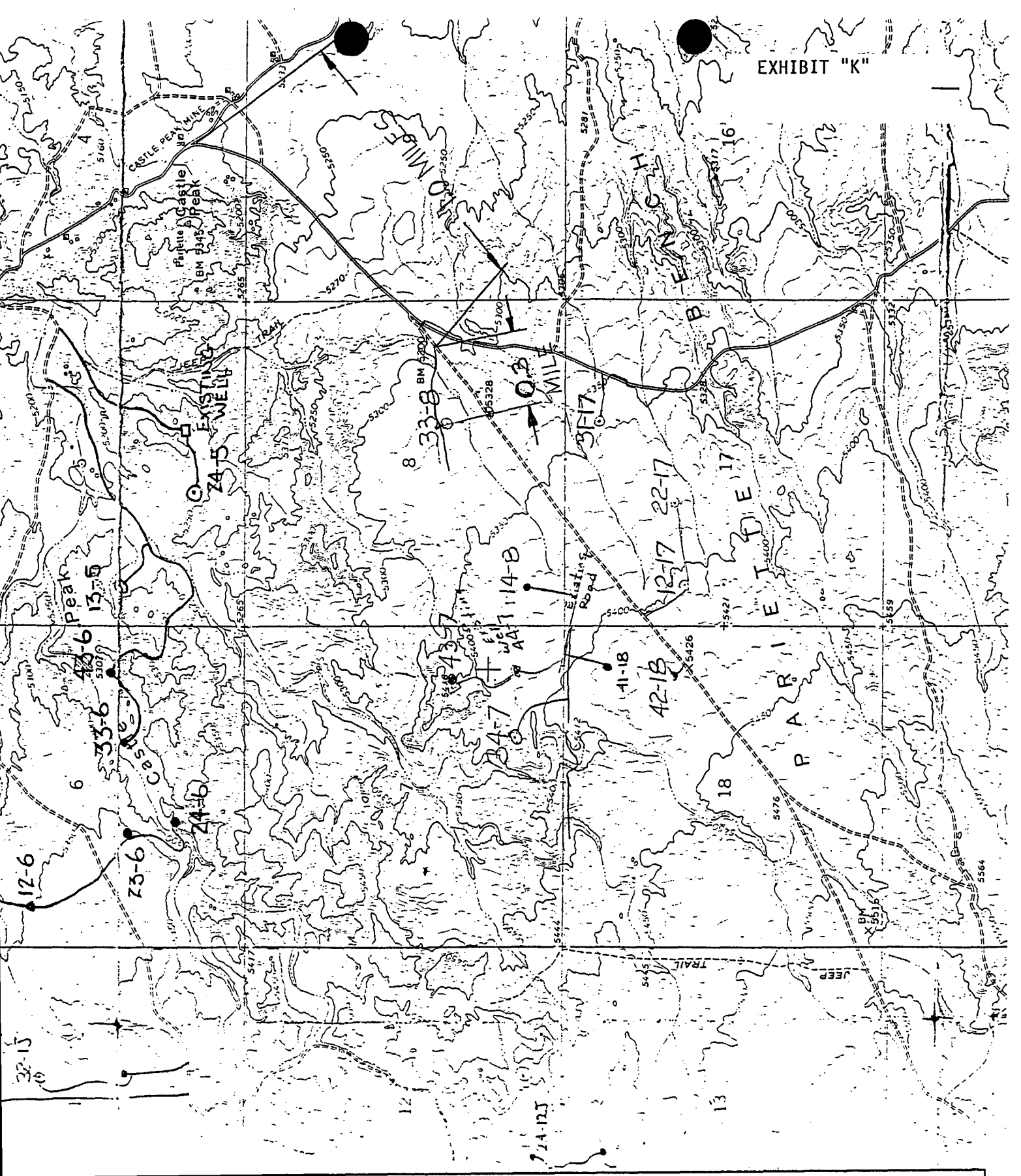


EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #33-8

MAP "B"

TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501



EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #33-8

MAP "C"

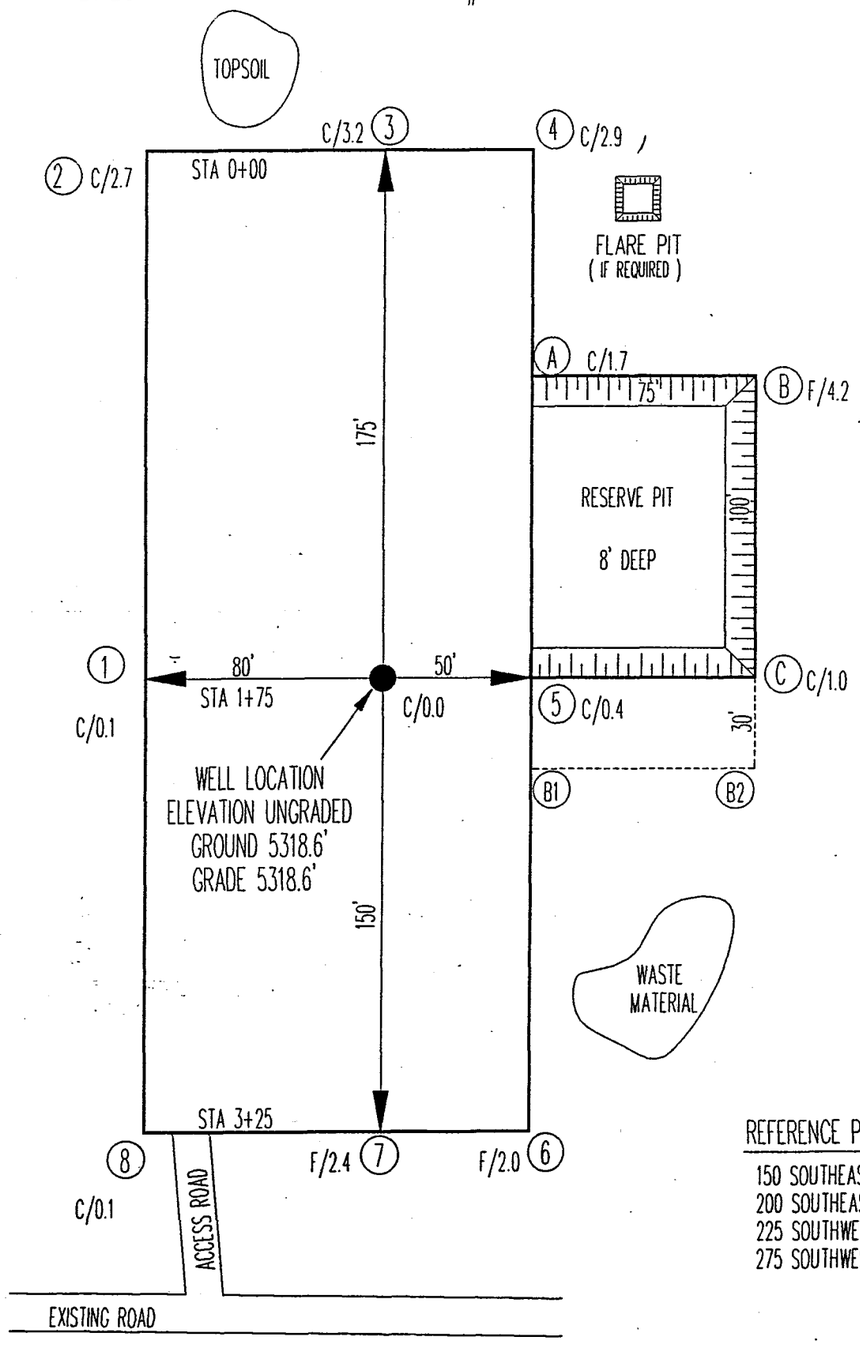
NORTH

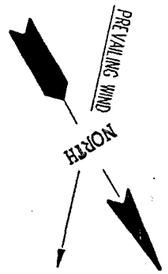
TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 North, VERNAL, UTAH 84078
801-781-2501

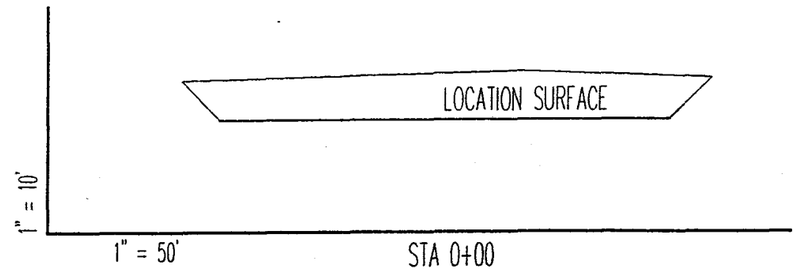
EXHIBIT "L"

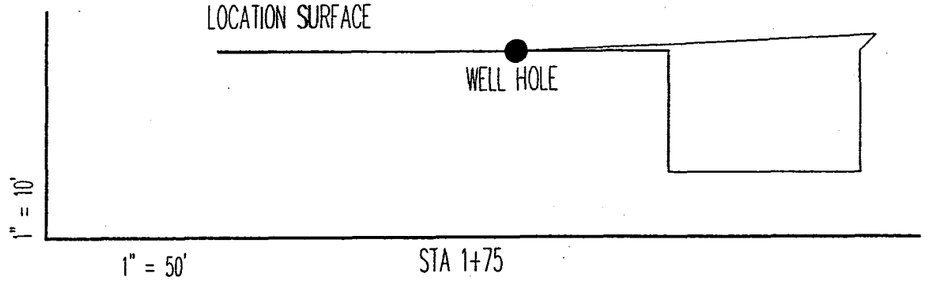
EQUITABLE RESOURCES ENERGY CO.

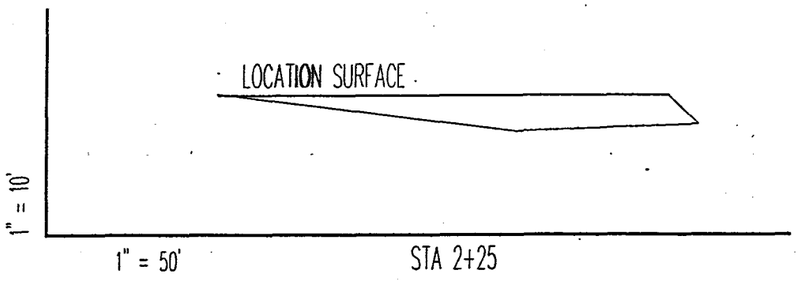
BALCRON MONUMENT FEDERAL #33-8











REFERENCE POINTS

150 SOUTHEAST 5318.6'
200 SOUTHEAST 5318.3'
225 SOUTHWEST 5322.6'
275 SOUTHWEST 5323.3'

APPROXIMATE YARDAGE

CUT = 1582 Cu Yds
FILL = 359 Cu Yds
PIT = 1826.4 Cu Yds

NOTE: YARDAGE CANNOT BE BALANCED WITHOUT PUTTING WELL HEAD ON FILL

TRI-STATE
LAND SURVEYING. INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501

EXHIBIT "M"

ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

33-8

P. O. Box 853 Bountiful, Utah 84011-0853
Tel: (801) 292-7061, 292-9668

November 22, 1993

Subject: CULTURAL RESOURCE EVALUATION OF SEVEN PROPOSED WELLS IN THE MONUMENT BUTTES AND PLEASANT VALLEY LOCALITIES OF DUCHESNE AND UINTAH COUNTIES, UTAH

Project: Balcron Oil -- 1993-1994 Development Program

Project No.: BLCR-93-11

Permit No.: Dept. of Interior -- UT-93-54937

State Project No: UT-93-AF-669b

To: Ms. Bobbie Schuman, Balcron Oil Division, P.O. Box 21017, Billings, Montana 59104

Mr. David Little, District Manager, Bureau of Land Management, 170 South 500 East, Vernal, Utah 84078

Info: Antiquities Section, Division of State History, 300 Rio Grande, Salt Lake City, Utah 84101

CULTURAL RESOURCE EVALUATION OF SEVEN PROPOSED WELLS IN THE MONUMENT BUTTES AND PLEASANT VALLEY LOCALITIES OF DUCHESNE AND UINTAH COUNTIES, UTAH

Report Prepared for Balcron Oil Company

Dept. of Interior Permit No.: UT-93-54937
AERC Project 1415 (BLCR-93-11)

Utah State Project No.: UT-93-AF-669b

Principal Investigator
F. Richard Hauck, Ph.D.

Authors of the Report
F. Richard Hauck & Glade V Hadden

ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION (AERC)

181 North 200 West, Suite 5
P.O. Box 853
Bountiful, Utah 84011-0853

November 22, 1993

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of seven proposed wells (Monument Federal Units 33-8, 12-17, 22-17, 31-17, 42-18, 43-7 and 41-26) and associated access routes situated on BLM administered lands located in the Monument Buttes locality of Duchesne County, Utah and the Pleasant Valley locality of Uintah County, Utah. This evaluation involved a total of 78.6 acres, of which 70 acres are associated with the seven well pads and an additional 8.6 acres associated with the various access road rights of way. These evaluations were conducted by Glade Hadden and Walter Lenington of AERC on November 16, 17 and 18, 1993.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

One newly identified cultural resource activity locus was discovered and recorded during the examinations. 42UN 2084 is a non-significant prehistoric activity locus associated with well location 41-26. This site is a cobble quarry area located within the proposed well development zone.

One isolated artifact was recorded during the investigations. Isolate 1415G/X1 is a non-diagnostic chert core noted on the access road between Units 12-17 and 22-17. This artifact was recorded but not collected.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

TABLE OF CONTENTS

LIST OF MAPS OF THE PROJECT AREA

LIST OF FIGURES

GENERAL INFORMATION

On November 16, 17 and 18, 1993, AERC archaeologists Glade Hadden and Walter Lenington conducted an intensive cultural resource evaluation for Balcron Oil Company of Billings, Montana. This examination involved seven proposed well locations (Monument Federal Units 33-8, 12-17, 22-17, 31-17, 42-18, 43-7 and 41-26) and associated access roads located in the Monument Buttes area, and in the Pleasant Valley area, south of Myton, Utah. Some 78.6 acres were examined which includes ca. 70 acres associated with the well pads and an additional 8.6 acres associated with the various 100 foot-wide access routes. This project is situated in the Monument Buttes locality of Duchesne County, Utah. The entire project area is situated on federal lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

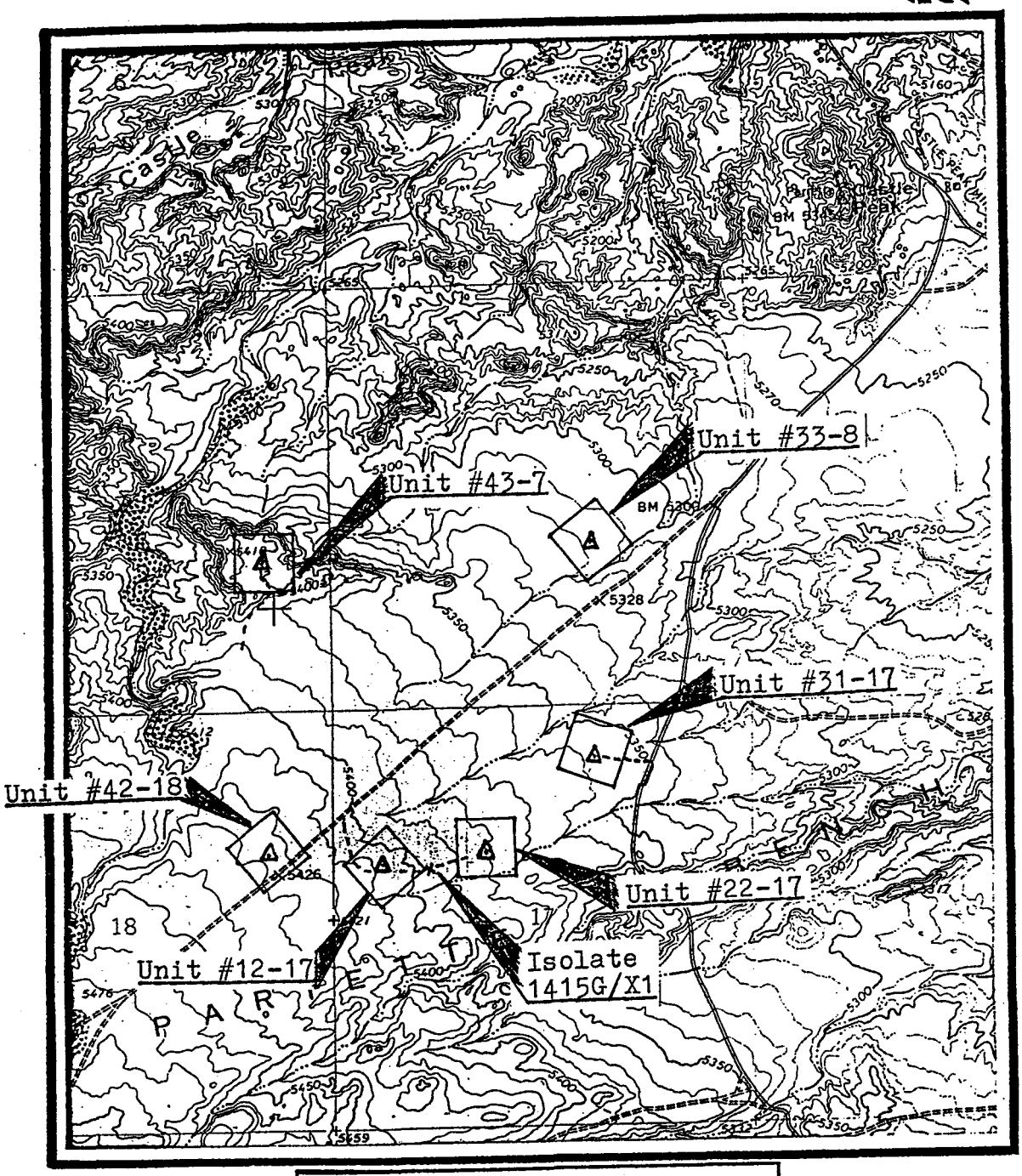
The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed developments of these seven drilling locations require archaeological evaluations in compliance with U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management Vernal District Office, and to the Utah State Antiquities Section. This work was done under U.S. Department of Interior Permit for Utah UT-93-54937 which expires on January 31, 1994.

Project Location

The project location is in the Monument Buttes locality of Duchesne County, Utah (situated on the Myton SE 7.5 minute topographic quad) and in the Pleasant Valley locality of Uintah County, Utah (situated on the Pariette Draw SW 7.5 minute topographic quad). The proposed drilling locations are situated in the following sections:

Balcron Monument Federal #33-8 is located in the NW - SE of Section 8, T. 9 So., R. 17 E. (see Map 1)



T. 9 So.
R. 17 E.
Meridian: SL
Quad: Myton SE
Utah

MAP 1
Cultural Resource Survey of Proposed Balcron Well Units in the Monument Buttes Locality, Duchesne County

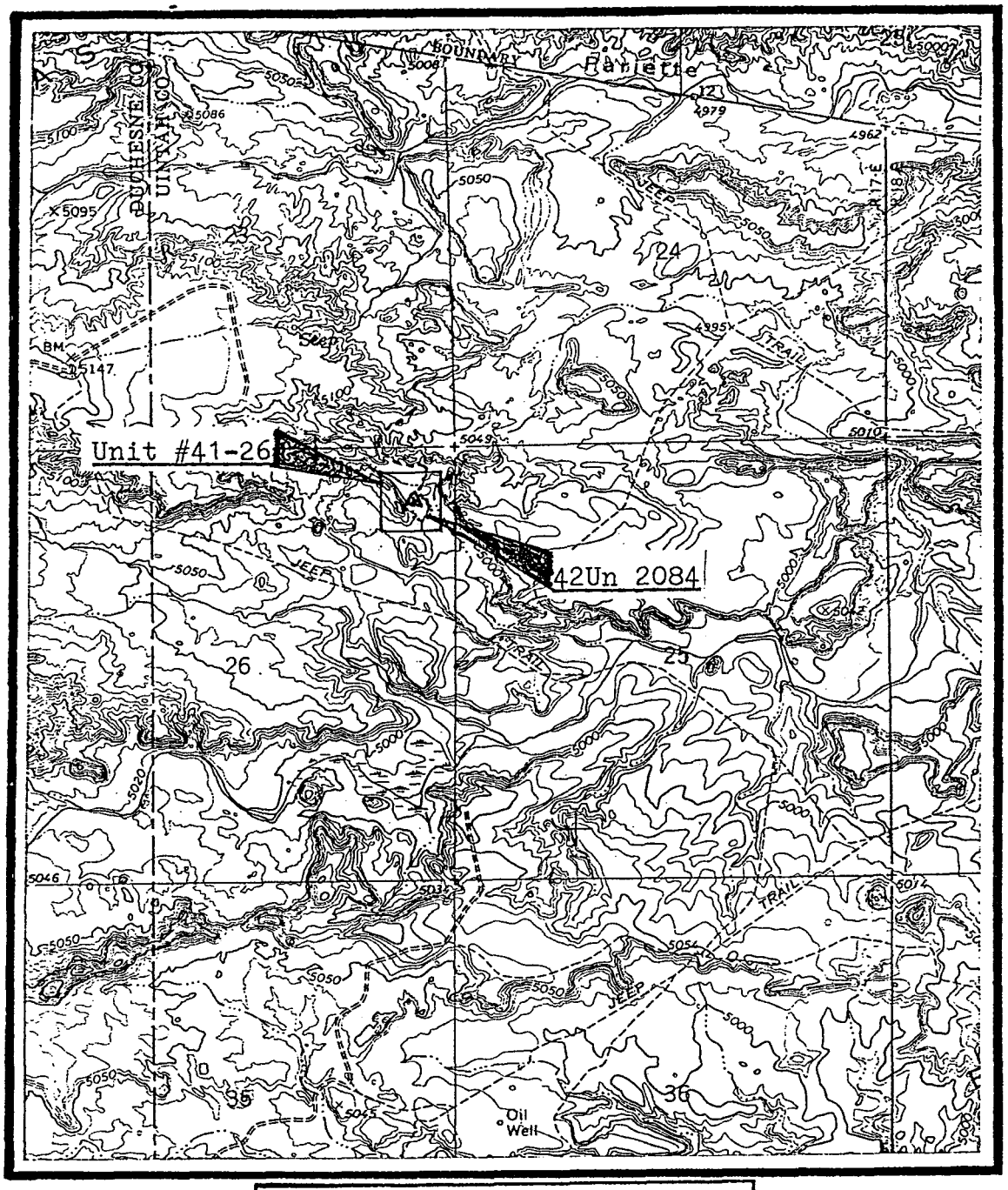
Legend:
Well Location
Access Route

N

Project: BLCR-93-11
Series: Uinta Basin
Date: 11/22/93

Scale: 1:64,000

AERC



T. 8 So.
R. 17 E.
Meridian: SL
Quad: Pariette Draw SW Utah

MAP 2
Cultural Resource Survey of a Proposed Balcron Well in the Pleasant Valley Locality, Uintah County

Legend:
Well Location
Access Route
Cultural Site

Project: BLCR-93-11
Series: Uinta Basin
Date: 11/22/93

Scale: 1:64,000

N

Balcron Monument Federal #12-17 is located in the SW - NW of Section 17, T. 9 So., R. 17 E. and includes ca. 600 feet of access road (see Map 1)

Balcron Monument Federal #22-17 is located in the SE - NW of Section 17, T. 9 So., R. 17 E. and includes ca. 500 feet of access road (see Map 1)

Balcron Monument Federal #31-17 is located in the NW - NE of Section 17, T. 9 So., R. 17 E. and includes ca. 350 feet of access road (see Map 1)

Balcron Monument Federal #42-18 is located in the SE - NE of Section 18, T. 9 So., R. 17 E. (see Map 1)

Balcron Monument Federal #43-7 is located in the NE - SE of Section 7, T. 9 So., R. 17 E. and includes ca. 1000 feet of access road (see Map 1)

Balcron Monument Federal #41-26 is located in the NE - NE of Section 26, T. 8 So., R. 17 E. and includes ca. 1300 feet of access road (see Map 2)

Environmental Description

The project area is within the 5000 to 5500 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project area.

The vegetation in the project area includes *Chrysothamnus spp. Artemisia spp., Eriogonum spp., Sarcobatus vermiculatus, Ephedra viridis, Cercocarpus spp. Atriplex canescens, Salix spp., Typha spp.,* and a variety of grasses and sedges.

The geological associations within the project area consist of fluvial and lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 19, 1993. A similar search was conducted in the Vernal District Office of the BLM on November 16, 1993. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Norman and Hauck 1980). Other sites have been located and

recorded by AERC and other archaeological consultants during oil and gas exploration inventories.

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to four sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologists walking a series of 10 to 20 meter-wide transects across a 10 acre area covering each well pad. In addition, access routes were surveyed by the archaeologists walking a pair of 10 to 15 meter wide transects on each side of the flagged access route right of way. Thus, a 30 meter-wide or 100 foot-wide corridor (ca. 8.6 acres) was examined for the total ca. 3750 foot length of proposed access road, in addition to the seventy acres inventoried on the well pads for a total of 78.6 acres.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

> The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:
> a. That are associated with events that have made a significant contribution to the broad patterns of our history; or
> b. that are associated with the lives of persons significant in our past; or
> c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or
> d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

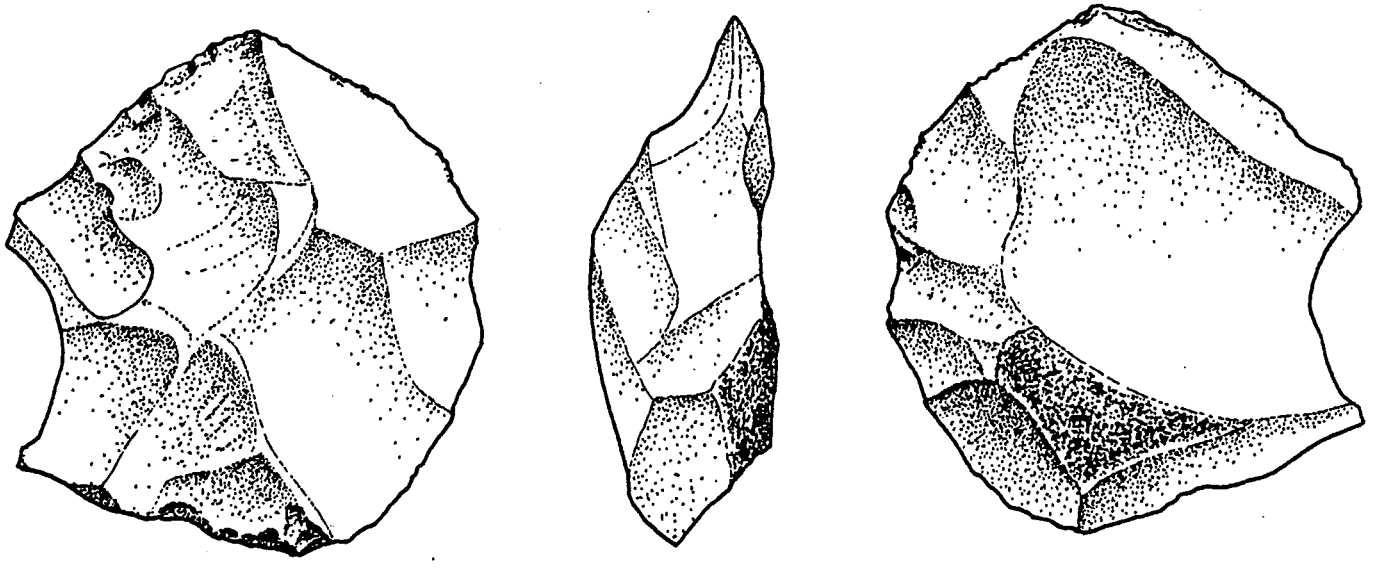
Results of the Inventory

One prehistoric cultural resource activity locus was observed and recorded during the archaeological evaluations. Site 42UN 2084 (see map 2) is a 50 x 120 meter lithic surface quarry area. Isolated flakes are located up to 500 meters from the main locus. Artifacts are composed mainly of Parachute Creek Chert cores. Two biface blanks and two utilized flakes were also found. This non-significant site is of a type commonly found in the area. Remnant lag gravel deposits with many chert and quartzite cobbles present cover extensive areas in this locality, and most such "Desert Pavement" sites are the location for "Tap and Test" quarry operations. No buried deposits are present and artifact context is questionable due to sheet wash erosion. The site does not qualify under criterion d of Title 36 CFR 60.6.

No previously identified and recorded significant or National Register sites were noted or recorded during the survey.

No paleontological loci were observed or recorded during the evaluations.

One isolated artifact was recorded during the evaluations. Isolate 1415G/X1 (see Figure one) consists of a single Parachute Creek chert core located along the access route connecting Units 12-17 and 22-17. This artifact was not collected.



Isolated Artifact 1415G/X1
(actual size)

CONCLUSION AND RECOMMENDATIONS

No known significant cultural or paleontological resources will be adversely impacted during the development and operation of Balcron Units 33-8, 12-17, 22-17, 31-17, 42-18, 43-7 and 41-26 as evaluated during this project.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the developments of these seven proposed drilling locations based upon adherence to the following stipulations:

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways.

2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

F. Richard Hauck, Ph.D.
President and Principal
Investigator

Glade V Hadden
Field Supervisor

REFERENCES

Hadden, Glade V and F. R. Hauck

1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.

1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.

1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.

1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard

1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.

1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.

1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.

1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.

1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.

1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.

1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.

1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.

1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.

1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

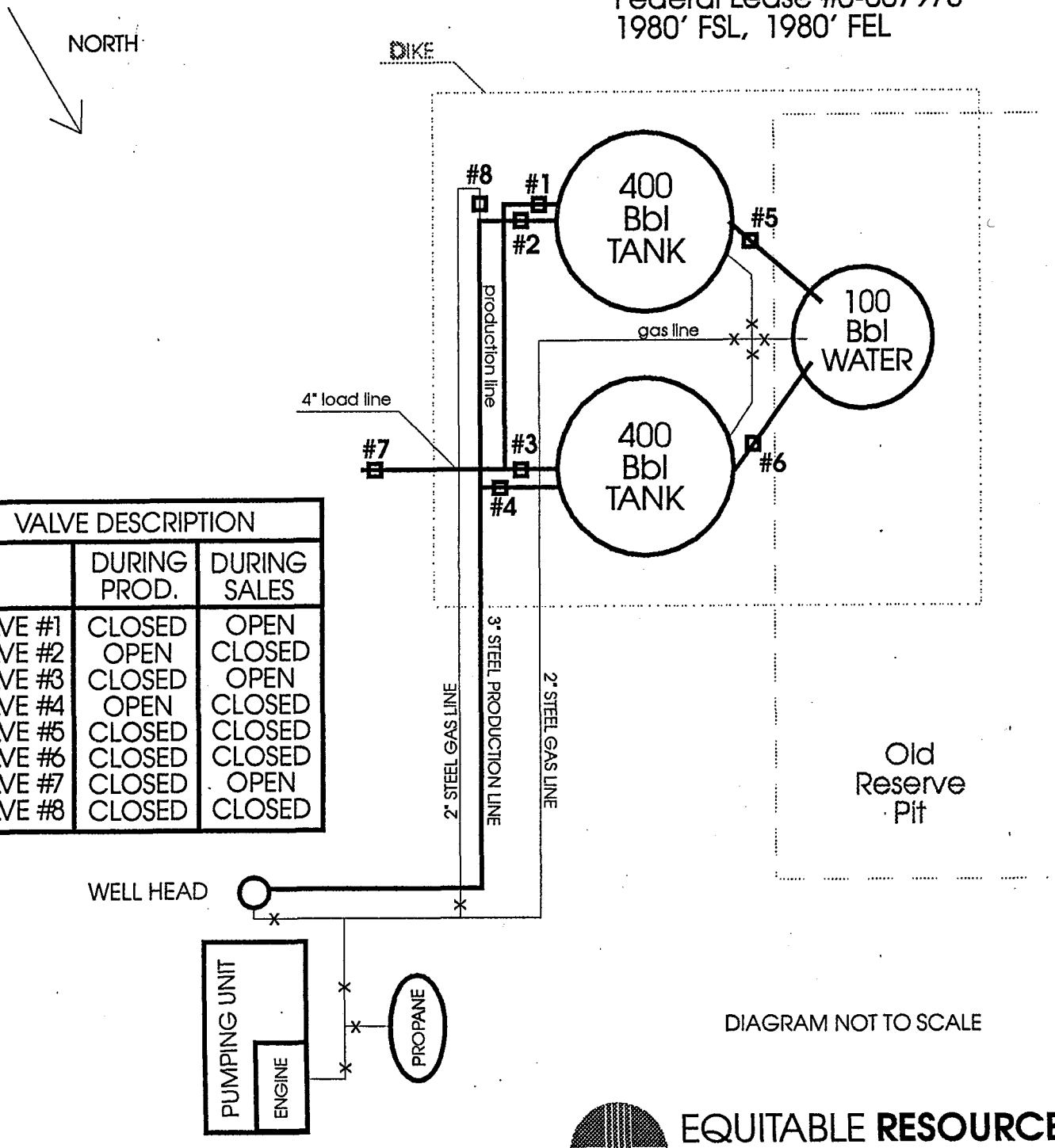
Norman, V. Garth and F.R. Hauck

1980 Final Report on the Mapco River Bend Cultural Mitigation Study. AERC Paper No. 18, of the Archeological-Environmental Research Corporation, Bountiful.

Equitable Resources Energy Company
Balcron Monument Federal 33-8
Proposed Production Facility Diagram

EXHIBIT "N"

Balcron Monument Federal 33-8
NW SE Sec. 8, T9S, R17E
Duchesne County, Utah
Federal Lease #U-007978
1980' FSL, 1980' FEL



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN
VALVE #8	CLOSED	CLOSED

DIAGRAM NOT TO SCALE

EQUITABLE **RESOURCES**
ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/14/93

API NO. ASSIGNED: 43-013-31427

WELL NAME: BALCRON MONUMENT FEDERAL 33-8
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
NWSE 08 - T09S - R17E
SURFACE: 1980-FSL-1980-FEL
BOTTOM: 1980-FSL-1980-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U-007978

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat
U Bond FEDERAL 0576
(Number 5547188 NATION WIDE)
N Potash (Y/N)
N Oil shale (Y/N)
W Water permit
(Number BY SUMDRY)
N RDCC Review (Y/N)
(Date:)

LOCATION AND SITING:

___ R649-2-3. Unit: ___

X R649-3-2. General.

___ R649-3-3. Exception.

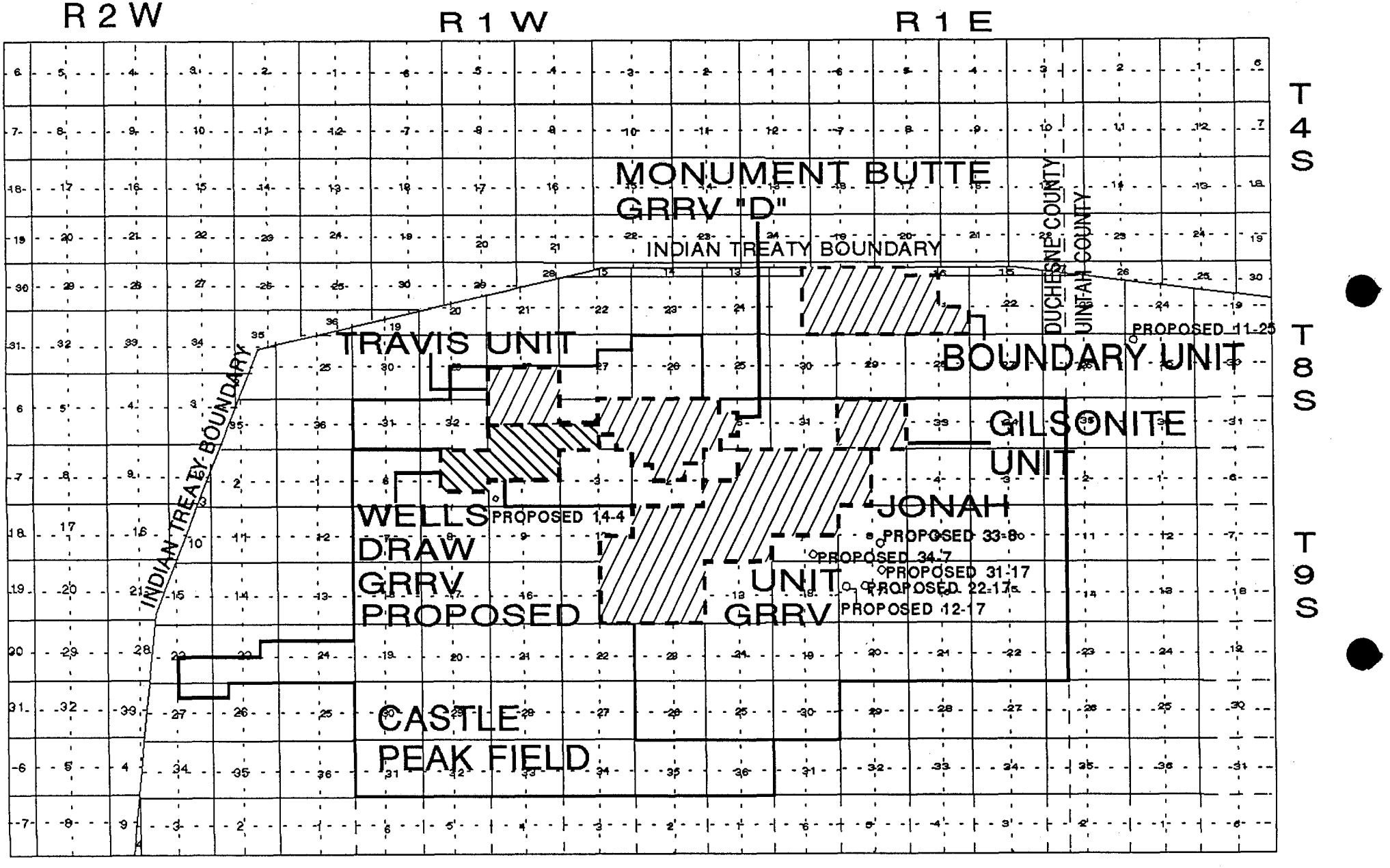
___ Drilling Unit.
Board Cause no: ___
Date: ___

COMMENTS: WELL IS NOT IN A SECONDARY RECOVERY UNIT. INFILL LOCATION.

STIPULATIONS: ~~1. WATER SOURCE & PERMIT WILL BE NOTED BY SUNDRY PRIOR TO SPUD.~~

CONFIDENTIAL PERIOD EXPIRED ON 4-21-95

MONUMENT BUTTE WATER FLOOD UNITS



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 20, 1993

Equitable Resources Energy Company
P.O. Box 21017
Billings, Montana 59104

Re: Balcron Monument Federal #33-8 Well, 1980' FSL, 1980' FEL, NW SE, Sec. 8, T. 9 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.

2. Notification within 24 hours after commencing drilling operations.

3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.

4. Submittal of the Report of Water Encountered During Drilling, Form 7.

5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or Mike Hebertson, Oil and Gas Field Specialist, (Home) (801)269-9212.

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31427.

Sincerely,

R.J. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc: Duchesne County Assessor
Bureau of Land Management, Vernal
WOI1

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-~~047~~7978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: n/a

8. FARM OR LEASE NAME: Balcron Monument Federal

2. NAME OF OPERATOR: EQUITABLE RESOURCES ENERGY COMPANY, Balcron Oil Division — CONFIDENTIAL

9. WELL NO.: #33-8

3. ADDRESS OF OPERATOR: P.O. Box 21017; Billings, MT 59104

10. FIELD AND POOL, OR WILDCAT: Monument Butte/Green River

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: NW SE Sec. 8, T9S, R17E 1980' FSL, 1980' FEL

At proposed prod. zone: 43-013-31427

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW SE Sec. 8, T9S,R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: From Myton, Utah, approximately 16 miles southwest.

12. COUNTY OR PARISH: Duchesne — 13. STATE: UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH: 6,000'	20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): GL 5318.6'

22. APPROX. DATE WORK WILL START*: Upon APD approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
		See attached		

RECEIVED
DEC 1 ~ 1993
JAN 2 7 1994
DIVISION OF OIL, GAS & MINING

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM
"B" PROPOSED SURFACE USE PROGRAM
"C" GEOLOGIC PROGNOSIS
"D" DRILLING PROGRAM/CASING DESIGN
"E" HAZMAT DECLARATION
"F" SURVEY PLAT
"G" RIG LAYOUT
"H" BOPE DIAGRAM
"I" EXISTING ROADS (Map A)
"J" PLANNED ACCESS (Map B)
"K" EXISTING WELLS (Map C)
"L" CUT & FILL DIAGRAM
"M" ARCHEOLOGY REPORT
"N" PROPOSED PRODUCTION FACILITY DIAGRAM

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
SIGNED Bobbie Schuman — TITLE Coordinator of Environmental and Regulatory Affairs — DATE December 13, 1993
Bobbie Schuman

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE ASSISTANT DISTRICT MANAGER MINERALS — DATE JAN 2 1994

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL *See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Dio OG&M

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 33-8

API Number: 43-013-31427

Lease Number: U-7978

Location: NWSE Sec. 8 T. 9S R. 17E

NOTIFICATION REQUIREMENTS

Location Construction	-	at least forty-eight (48) hours prior to construction of location and access roads.
Location Completion	-	prior to moving on the drilling rig.
Spud Notice	-	at least twenty-four (24) hours prior to spudding the well.
Casing String and Cementing	-	at least twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and Related Equipment Tests	-	at least twenty-four (24) hours prior to initiating pressure tests.
First Production Notice	-	within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany Oil shale zone, identified at ± **2,720 ft.** If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± **2,520 ft.** and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to $10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka Petroleum Engineer	(801) 781-1190
Ed Forsman Petroleum Engineer	(801) 789-7077
BLM FAX Machine	(801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

Methods for Handling Waste Disposal

The reserve pit liner will have sufficient bedding (straw or dirt) to cover rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc..., that could puncture the liner will be deposed of in the pit.

The requested emergency pit is hereby approved under Onshore Order No. 7, subject to the following Conditions of Approval:

1. The emergency pit shall be fenced and the fence maintained for safety, and to prevent livestock and wildlife entry. The pit shall be fenced according to the same minimum standards listed for drilling the reserve pit under Point 9E of the Multi-point Surface Use and Operation Plan. The fence shall be maintained in a taut condition. Fences shall not be built on berms.

2. Turn downs shall be put on the ends of pipes to direct fluids downward instead of against the wall of the pit.

Additional Surface Conditions of Approval

If paleontologic resources are found or uncovered during ground disturbing activities, Balcron will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

Due to potential mountain plover nesting habitat, surface disturbing activities will not be allowed between March 15 and August 15, unless a BLM approved wildlife field inspection show no mountain plover activity near the proposed site.

The flare pit location will be changed to be downwind of the prevailing wind direction on the northwest side of the location near the #6 corner.

Waiver of Fencing Around Containment Tanks.

Well No. 33-8 Lease No. U-7978 Date. 1-10-94

Balcron Oil Division's operation supervisor has requested to modify fencing around small containment tanks for the above well location. The purpose of the BLM fencing standards are to prevent injury to livestock or wildlife by entering pits which may contain fluids. Balcron's present method of placing 100 barrel tanks covered with metal cross supports and wire mesh within earthen depressions accomplishes this purpose. **This method of containment does not need fencing.** Balcron will need to maintain at least one side of the earthen depression the tank rests in at less than a 1:1 slope to allow escape if needed and any hydrocarbons that enter the depression must be considered a spill and removed within 48 hours.

Stan Olmstead

Natural Resource Protection Spec.

BALCRON OIL

Balcron Monument Federal #33-8

NW SE Section 8, T9S, R17E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
235 EAST MAIN
VERNAL, UTAH 84078

DECEMBER 8, 1993

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT BUTTE FEDERAL #33-8

Description of Geology and Topography-

This well is located 10 miles south and 1 mile east of Myton, Utah. It sits on the north side of Pariette Bench. The immediate area is flat and covered with sandy alluvium and small rock fragments.

All rock outcrops in the general area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

There are no exposures of bed rock (Uinta Formation) on the wellpad or proposed access road.

Paleontological material found -

No fossils were found on the wellpad location or access road.

Recommendations-

No other recommendations are made for this location.

Alden H. Hamblin Date December 9, 1993

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES

WELL NAME: BALCRON MONUMENT FEDERAL 33-8

API NO. 43-013-31427

Section 8 Township 9S Range 17E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 2/14/94

Time 12:00 NOON

How DRY HOLE

Drilling will commence

Reported by AL PLUNKETT-DENNIS INGRAM-DOGM

Telephone #

Date 2/15/94 SIGNED JLT

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-7978
6. If Indian, Allottee or Tribe Name: n/a
7. If Unit or CA, Agreement Designation: n/a

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION
3. Address and Telephone No.: P.O. Box 21017; Billings, MT 59104 (406) 259-7860
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): NW SE Section 8, T9S, R17E
1980' FSL, 1980' FEL

8. Well Name and No.: Balcron Monument Fed. #33-8
9. API Well No.: 43-013-31427
10. Field and Pool, or Exploratory Area: Monument Butte/Green River
11. County or Parish, State: Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other water source	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator intends to use the Joe Shields water source for drilling this well as noted in the approved APD. A copy of that permit is on file at the Vernal BLM.

FEB 16 1994

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date February 14, 1994
Bobbie Schuman

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

CONFIDENTIAL

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-7978
6. If Indian, Allottee or Tribe Name: n/a
7. If Unit or CA, Agreement Designation: n/a

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION
3. Address and Telephone No.: P.O. Box 21017; Billings, MT 59104 (406) 259-7860
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): NW SE Section 8, T9S, R17E
1980' FSL, 1980' FEL

8. Well Name and No.: Balcron Monument Fed. #33-8
9. API Well No.: 43-013-31427
10. Field and Pool, or Exploratory Area: Monument Butte/Green River
11. County or Parish, State: Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[XX] Other Report of Spud.	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was spud on 2-14-94 at 12 noon by Leon Ross Air Drilling.

FEB 17 1994

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date 2-15-94
(Bobbie Schuman)

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

FEB 17 1994

OPERATOR Equitable Resources Energy Company Balcron Oil Division

OPERATOR ACCT. NO. N9890

ADDRESS P.O. Box 21017
Billings, MT 59104
(406) 259-7860

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	11613	43-013-31427	Balcron Monument Federal #33-8	NW SE	8	9S	17E	Duchesne	2-14-94	2-14-94

WELL 1 COMMENTS:
Non unit well (Gonch). Entity added 2-22-94. Lec
Spud of a new well.

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Date: 2-15-94

Bobbie Schuman
Signature
Coordinator of Environmental and Regulatory Affairs
Title

Date

Phone No. 406) 259-7860

(3/89)

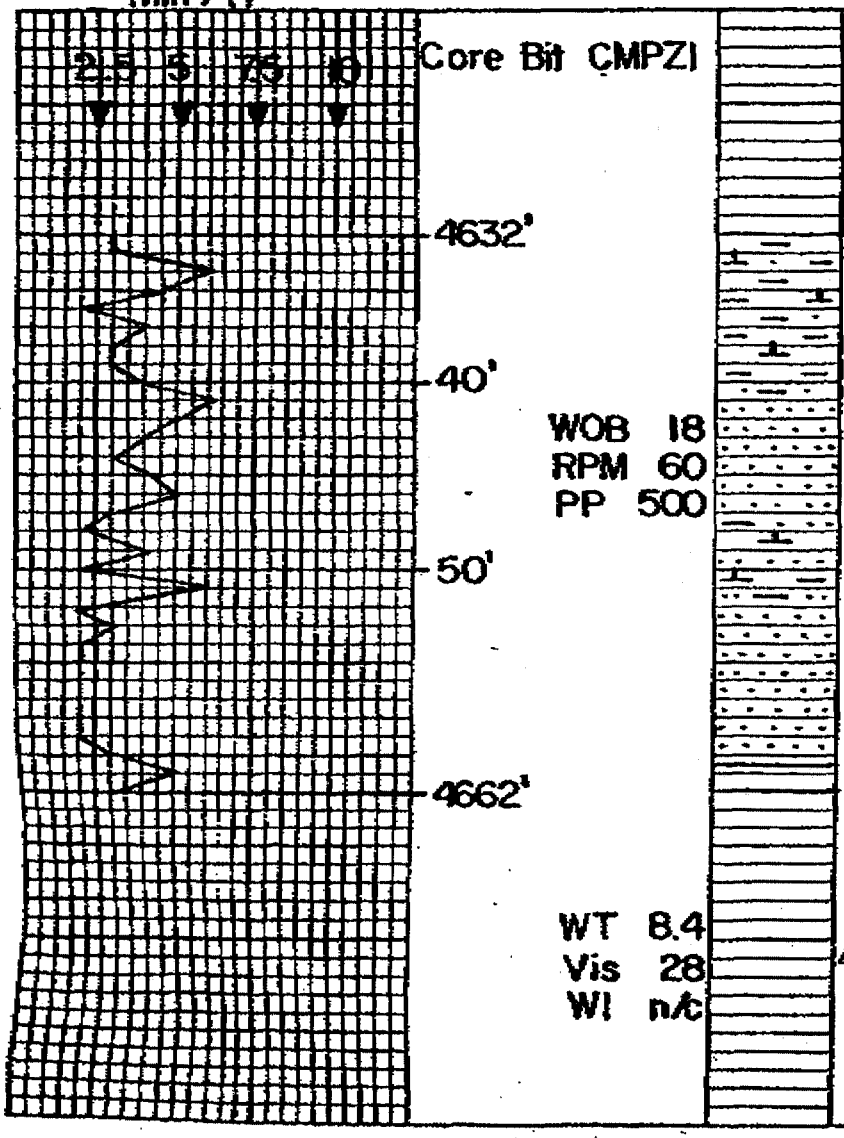
BOC MF #33-8 ATTN: Keven Reinschmidt / Dave Bickerstaff

CORE REPORT NO. 1

FORMATION: R-2 Sand INTERVAL: 4632' - 4662' CUT: 30'

CORE COMPANY: DBS DATE: 23 Feb 94 RECOVER: 28.5'

WELLSITE ANALYSIS: Roy L. Clement LAB ANALYSIS: Terra Tek, Salt Lake City, UT



MICRO DESCRIPTIONS

4632'-4641'	Shale: medium gray, firm, calcareous, silty in part, abundant black carbonaceous plant remains
4641'-4647'	Sandstone: light brown, fine to medium grained, sub angular, poorly sorted, fairly consolidated & calcareous cemented, micaceous, very poor visual porosity, vertically fractured, dark brown oil stain and bleeding oil through out, moderate to bright yellowgreen fluorescence, immediate bright bluewhite streaming cut
4647'-4652'	Shale: light gray to graybrown, firm, slightly calcareous, interbedded with Sandstone: light brown, very fine to fine grained, sub angular, fair sorting, well consolidated and calcareous cemented, micaceous, very poor visual porosity, spotty brown oil stain and slightly bleeding dark brown oil, fluorescence and cut as above
4652'-4660.5'	Sandstone: light to medium brown, very fine to medium grained, sub angular, poor sorting, well consolidated and calcareous cemented, poor visual porosity, micaceous, dark brown bleeding oil and good oil saturation through out, moderate to bright yellowgreen fluorescence, immediate bright bluewhite streaming cut
4660.5'-4662'	Not recovered

BALCRON OIL COMPANY

BALCRON MONUMENT FEDERAL #33-8

NW SE SECTION 8, T9S, R17E

DUCHESNE COUNTY, UTAH

43-013-31427

CONFIDENTIAL

Clement Consulting

Roy L. Clement
Wellsite Geologist

1907 Sligo Lane
Billings, MT 59106
406-656-9514

Northern Rockies
Williston Basin
Horizontal Experience

RECEIVED
MAR 17 1994
DIVISION OF
OIL, GAS & MINING

BALCRON OIL COMPANY

BALCRON MONUMENT FEDERAL #33-8

NW SE SECTION 8, T9S, R17E

DUCHESNE COUNTY, UTAH

Prepared by:

Roy L. Clement
c/o Clement Consulting
1907 Sligo Lane
Billings, Montana 59106
(406) 656-9514

Prepared for:

Dave Bickerstaff &
Keven Reinschmidt
c/o Balcron Oil Company
Post Office Box 21017
Billings, MT 59104
(406) 259-7860

WELL DATA SUMMARY

OPERATOR:	BALCRON OIL COMPANY
ADDRESS:	Post Office Box 21017 Billings, Montana 59104
WELL NAME:	Balcron Monument Federal #33-8
FIELD:	Monument Butte
LOCATION:	1980' FSL & 1980' FEL NW SE SECTION 8, T9S, R17E
LEASE#:	U-7978
API#:	43-013-31427
COUNTY:	Duchesne
STATE:	Utah
BASIN:	Uinta
WELL TYPE:	Developmental Well
BASIS OF PROSPECT:	Oil Production @ Monument Butte Field
ELEVATION:	GL: 5318' SUB: 10' KB: 5328'
SPUD DATE:	February 18, 1994
TOTAL DEPTH/DATE:	5700' on February 26, 1994
TOTAL DRILLING DAYS:	8 TOTAL ROTATING HOURS: 137.00
STATUS OF WELL:	Cased for Completion on February 28, 1994
CONTRACTOR:	Union Drilling Company, Rig #17
TOOLPUSHER:	Dave Gray
FIELD SUPERVISOR:	Al Plunkett
MUD ENGINEER:	Al Plunkett
MUD TYPE:	Air/Foam from surface to 3853'; KCL/Fresh Water from 3853' to TD.
WELLSITE GEOLOGIST:	Roy L. Clement
PROSPECT GEOLOGISTS:	Dave Bickerstaff and Keven K. Reinschmidt of Balcron Oil Company
MUDLOGGERS:	Larry Vodall and Bob Drogitis of NW Well Logging

SAMPLING PROGRAM: 50' samples from 1400' to 3853'; 20' samples from 3853' to 5700' (TD). All samples lagged and caught by mud loggers. One dry set of samples sent to the state of Utah.

HOLE SIZE: 12 1/4" to 272'
7 7/8" to TD

CASING: 8 5/8" surface casing pre-set at 262'
5 1/2" production casing to Total Depth

DRILL STEM TEST: None

CORE PROGRAM: 2 planned, 2 undertaken

CORE NO. 1: 4632'-4662' Driller; 4632'-4662' Logger
Formation: R-2; Cut 30' & Recovered 28.5'

CORE NO: 2: 5440'-5470' Driller; 5440'-5470' Logger
Formation: B-1; Cut 30' & Recovered 30'

Core Company: DBS; Core Engineer: Billy Brogdin

ELECTRIC LOGGING PROGRAM:
1.) IPLT Log from 5698' - 2500'
2.) ARI from 5685' - 50'
3.) DSI from 5672' - 4000'
4.) RFT/GR @ 5446'; 5077'; 4901'; 4659'; 4110'
5.) Sidewall Cores @ 5462'; 5455'; 5446'; 5275'; 5171'; 5077'; 5041'; 5013'; 4902'; 4659'; 4655'; 4646'; 4536'; 4401'; 4350'; 4315'; 4142'; 4141.5'; 4114'; 4109'; 3059'

LOG TOPS: Green River @ 1438'; Horsebench Ss @ 2171'; Second Garden Gulch @ 3779'; Y-3 @ 4102'; Y-5 @ 4348'; Yellow Marker @ 4398'; Douglas Creek @ 4566'; R-2 @ 4644'; Second Douglas Creek @ 4798'; Green Marker @ 4936'; G-3 @5008'; Carbonate Marker @ 5404'; B-1 @ 5442'; TD @ 5700'.

LOGGING COMPANY: Schlumberger
LOGGING ENGINEER: Chris Presmyk

CORRELATION WELL: 1.) Diamond Shamrock
Pauite =34-8
Sw Se Section 8, T9S, R17E

DISTRIBUTION LIST: Balcron Oil Company
Attn: Dave Bickerstaff & Keven K. Reinschmidt
Post Office Box 21017
Billings, MT 59104

Balcron Oil Company
Attn: Dale Griffin
275-CO.RD-120
Craig, CO 81625

Bureau of Land Management
Vernal District Office
Attn: Ed Forsman
170 South 500 East
Vernal, UT 84078

State of Utah
Division of Oil, Gas, and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180

GEOLOGIC EVALUATION

Balcron Oil Company drilled the Balcron Monument Federal #33-8 as a development well in the south portion of Monument Butte Field. The field, situated in the Uinta Basin of Utah, is currently being developed by Balcron with both a water flood project and a forty acre in fill drilling program. Monument Butte produces oil and gas from sandstone reservoirs in the Tertiary aged Green River Formation.

The Monument Federal #33-8 drill site was located in the Nw Se of Section 8, T9S, R17E, in Duchesne County, Utah. Balcron spudded the well on February 18, 1994 and a total depth of 5700' was reached eight days later. The well bore was extensively evaluated by a two man mud logging crew, a well site geologist, two cores and a full suite of E-logs which included sidewall coring and repeat formation testing tools. On February 28, 1994 the #33-8 was cased for completion operations.

Zones of Interest: (Note: all depths are based on E-Logs)

The first significant gas show occurred at 3535'. A net increase of 590 total units was recorded, consisting primarily of Methane with minor heavier gas components. Drill cuttings from this interval were comprised of unconsolidated, very fine to fine grained sands with traces of asphaltic staining. E-Logs indicate 11 to 15% porosity through this interval.

The Y-3 Sands were topped at 4102' with a 448 unit gas increase, C1 through NC4 components, and oil on the pits. Samples and logs indicate two sand benches from 4102' to 4144' with 21 total feet of pay ranging from 14-18% porosity.

An 8' thick sand section averaging 11% porosity was present from 4313' to 4321'. This interval was penetrated with a 120 unit gas show from poorly to unconsolidated sandstones with light brown oil staining.

The Yellow Marker proved to be a 5' thick interval at 4398' to 4403' with porosity ranging from 17 to 21%. A 78 unit net gas increase was noted from this zone along with very fine to medium grained sandstone and brown oil staining.

Core #1 was undertaken from 4632' to 4662', topping the R-2 Sand at 4644'. The R-2 was a 19' thick section of very fine to medium grained Sandstone with good oil shows, saturations and occasional vertical fractures. E-Logs indicate 10 to 16% porosity through the R-2 Sands.

The B-1 Sand was topped with Core #2 at 5442'. 19' of very fine to medium grained sandstone with good oil saturations and porosity ranging from 10 to 13 % were present in the B-1. Both yelloworange and dark brown oil staining were note in the core along with a single open vertical fracture at 5440' to 5441'.

Respectfully submitted,

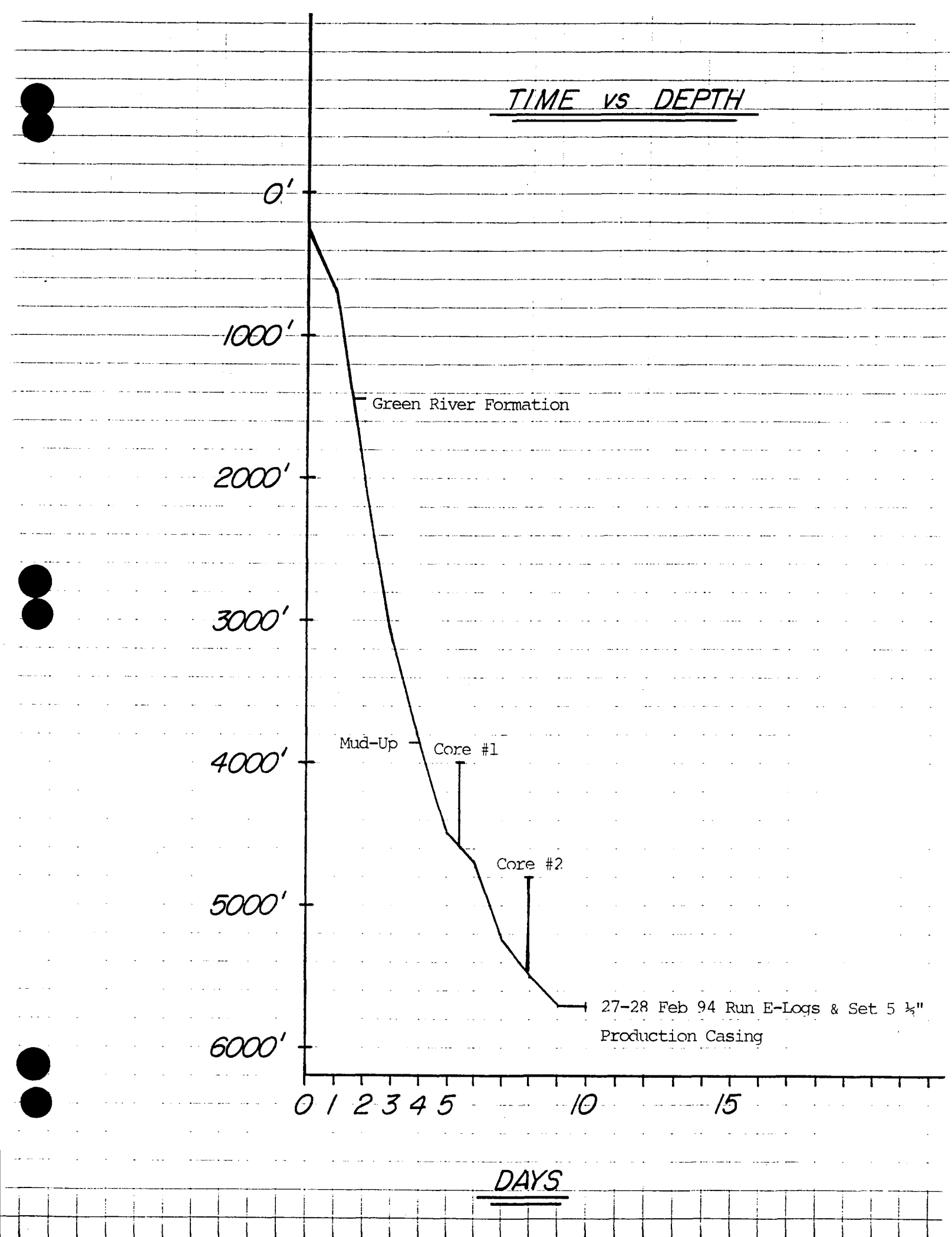
Roy L. Clement

Roy L. Clement
Wellsite Geologist

DAILY ACTIVITY

DAY	DATE	DEPTH	PROG	BIT	WOB	RPM	PP	WT*	VIS	WL	ACTIVITY	FORMATION
0	2/18	272'	0'	1	All	55	100	8.3	26	n/c	Rig up, drill cement	
1	2/19	645'	373'	1	45	55	160	8.3	26	n/c	Drill ahead	Green R.
2	2/20	2019'	1374'	1	45	55	220	8.4	26	n/c	Drill ahead	Green R.
3	2/21	3090'	1071'	1	45	55	200	8.4	26	n/c	Drill ahead	Green R.
4	2/22	3853'	763'	2	43	70	750	8.4	26	n/c	Mud up	Garden G.
5	2/23	4476'	623'	2	43	60	800	8.4	26	n/c	Drill ahead	Y-Sands
6	2/24	4690'	214'	4	45	65	775	8.4	26	n/c	Core #1	R-2
7	2/25	5236'	546'	5	45	60	800	8.4	26	n/c	Core #2	B-1
8	2/26	5490'	254'	6	43	60	825	8.4	26	n/c	Drill to TD	B Zone
9	2/27	5700'	210'	6	43	60	825	8.4	26	n/c	Run E-Logs	B Zone

*Note: drilled with air and foam from under surface casing to 3853', switched to KCL and Fresh water from 3853' to TD.


TIME vs DEPTH
0'
1000'
2000'
3000'
4000'
5000'
6000'
Green River Formation
Mud-Up
Core #1
Core #2
27-28 Feb 94 Run E-Logs & Set 5 ½"
Production Casing
0 1 2 3 4 5 10 15
DAYS

BIT RECORD

CONTRACTOR: UNION DRILLING, RIG #17

SPUD: 2/18/94 **TOTAL DEPTH:** 2/26/94 **TOTAL ROTATING HOURS:** 137.00

BIT NO.	SIZE	TYPE/ MAKE	JETS SIZE	SERIAL #	DEPTH OUT	FEET	HOURS	ACCUM HOURS	WOB	RPM	DEV	PP	T	B	G
1	7 7/8	SEC M84CF	24 24 24	634848	3853'	3581'	66.25	66.25	45	55	1 1/4°	220	3	6	I
2	7 7/8	SEC MAF	13 13 13	632768	4632'	779'	27.25	93.75	43	60	-	800	1	7	I
3	7 7/8	DBS CMPZI	open	5920515	4662'	30'	2.00	95.75	18	60	-	500	-	-	-
4	7 7/8	HTC ATJ-35C	13 13 13	G60WS	5440'	778'	30.50	126.25	45	65	-	800	1	1	I
5	7 7/8	DBS CMPZI7	open	Rerun #3	5470'	30'	1.75	128.00	18	60	-	550	-	-	-
6	7 7/8	HTC ATJ-35C	13 13 13	Rerun #4	5700'	230'	9.00	137.00	43	60	2 1/4°	800	2	2	I

DEVIATION SURVEYS

DEPTH	DEVIATION
288'	1 1/4^0
800'	1 1/4^0
1300'	1 1/4^0
1800'	3/4^0
2300'	2^0
2798'	1 1/4^0
3300'	1^0
3853'	1 1/4^0
4476'	2^0
5161'	1/2^0
5700'	2 1/4^0

FORMATION TOPS AND STRUCTURAL RELATIONSHIPS

SUBJECT WELL: Monument Federal #33-8; NW SE Sec 8, T9S, R17E KB: 5328'
OFFSET #1: Paiute #34-8; SW SE Sec 8, T9S, R17E KB: 5313'

AGE and FORMATION	PROG	SAMPLE	E-LOG	DATUM	THICK	DIP TO OFFSET #1
TERTIARY						
Uinta	Surface					
Green River	1435'	1440'	1438'	3890'	733'	+ 5'
Horsebench Ss	2159'	2170'	2171'	3157'	1608'	- 4'
2nd Garden Gulch	3764'	3765'	3779'	1549'	323'	- 7'
Y-2	4041'	Absent	--	--	--	--
Y-3	4090'	4102'	4102'	1226'	15'	- 4'
Y-5	4327'	4352'	4348'	980'	7'	-13'
Yellow Marker	4384'	4394'	4398'	930'	5'	- 6'
Douglas Creek	4549'	4560'	4566'	762'	78'	- 9'
R-2	4616'	4641'	4644'	684'	19'	-10'
R-5	4746'	Absent	--	--	--	--
2nd Douglas Ck	4785'	4804'	4798'	530'	138'	- 5'
Green Marker	4919'	4932'	4936'	392'	72'	- 9'
G-3	4997'	5008'	5008'	320'	34'	- 3'
Carbonate Mkr.	5391'	5410'	5404'	- 76'	6'	- 5'
B-1	5425'	5440'	5442'	-114'	19'	- 9'

REFERENCE WELL

DIAMOND SHAMROCK
PAUITE #34-8
SW SE SEC 8, T9S, R17E
KB: 5313'

AGE and FORMATION	DEPTH	DATUM	THICK
TERTIARY			
Uinta	Surface		
Green River	1428'	3885'	724'
Horsebench Ss	2152'	3161'	1605'
2nd Garden Gulch	3757'	1556'	272'
Y-2	4034'	1279'	49'
Y-3	4083'	1230'	237'
Y-5	4320'	993'	57'
Yellow Marker	4377'	936'	165'
Douglas Creek	4542'	771'	77'
R-2	4619'	694'	120'
R-5	4739'	574'	39'
2nd Douglas Creek	4778'	535'	134'
Green Marker	4912'	401'	78'
G-3	4990'	323'	394'
Carbonate Marker	5384'	-71'	34'
B-1	5418'	-105'	---

LITHOLOGY

Sample Program: All samples were lagged and caught by a two man mud logging crew. 50' samples were taken from 1400' to 3853' with 20' samples caught from 3853' to total depth. Additional timely samples were caught through potential zones of interest. sample quality was fair to good except as noted. Descriptions begin at 1400' in the Uinta Formation.

1400' - 1440'	Sandstone:	light gray to clear, very fine to fine grained, sub angular to sub rounded, poorly consolidated to unconsolidated, fair sorting, calcareous cement in part, trace Pyrite

Sample Top: Green River Formation @ 1440'

1440' - 1600'	Shale:	light brown to orangebrown, graybrown, soft to firm, platy to sub blocky, calcareous to dolomitic, trace Pyrite and Dolomite
1600' - 1750'	Shale:	light to medium brown, graybrown, light orange to orangebrown, soft to firm, platy to blocky, calcareous to dolomitic, trace Pyrite and Dolomite: tan to cream, microcrystalline, soft, chalky, argillaceous to shaly, calcareous
1750' - 1800'	Sandstone:	light gray to graybrown, very fine grained, sub angular, poor consolidation, fair sorting, trace Gilsonite, tar, moderate to bright yellow fluorescence, immediate bright bluewhite streaming cut, interbeds of Shale: as above
1800' - 1900'	Shale:	light brown to graybrown, orangebrown, soft to firm, platy to sub blocky, calcareous to dolomitic, trace Pyrite and occasional interbeds of Dolomite: white to cream, microcrystalline, firm, chalky to earthy, argillaceous to shaly
1900' - 2000'	Shale:	light orange to orangebrown, brown to gray, soft to firm, platy to blocky, dolomitic to marly, trace Pyrite and white Calcite crystals
2000' - 2170'	Shale:	orange to orangebrown, graybrown, soft to firm, platy to blocky, dolomitic to marly, trace Pyrite and Dolomite

Sample Top: Horsebench Sandstone @ 2170'

2170' - 2300'	Sandstone:	light gray to clear, very fine to fine grained, sub angular to angular, poorly consolidated to unconsolidated, fair sorting, Bituminous in part, interbeds of Shale: gray to graybrown, soft to firm, platy to blocky, very calcareous
2300' - 2400'	Shale:	light to medium brown, graybrown, soft to firm, platy to sub blocky, calcareous to dolomitic
2400' - 2500'	Shale:	brown to graybrown, orangebrown, soft to firm, platy to blocky, calcareous, trace Dolomite
2500' - 2600'	Shale:	light to medium brown, light orangebrown, soft to firm, platy to blocky, calcareous to dolomitic, grading to Dolomite: tan to cream, microcrystalline, soft, chalky to earthy, shaly
2600' - 2705' to fine	Sandstone:	light brown to light gray, clear, very fine grained, occasional medium grained, sub angular, poor sorting, poorly consolidated to unconsolidated, Pyritic to Micaceous, trace brown asphaltic stain, scattered dull yellow fluorescence, slow bluewhite streaming to diffuse cut, interbeds of Shale: as above
2705' - 2800'	Shale:	light graybrown to gray, brown, soft to firm, platy to blocky, calcareous to dolomitic, abundant Pyrite, grading to Dolomite: cream to buff, microcrystalline, soft, chalky to earthy, shaly
2800' - 2925'	Sandstone:	gray to brown, clear in part, very fine to medium grained, sub angular, poor sorting, poorly consolidated to unconsolidated, Pyritic to Micaceous, trace brown asphaltic residue, dull gold fluorescence, slow bluewhite streaming cut, interbeds of Shale: as above
2925' - 3000'	Shale:	brown to orangebrown soft, platy to sub blocky, Pyritic, dolomitic and grading to Dolomite: cream to tan, microcrystalline, soft, chalky to earthy, argillaceous to shaly
3000' - 3150'	Sandstone:	light gray, salt and peppered, very fine to fine grained, sub angular to sub

		rounded, fair sorting, poorly consolidated, Micaceous to Bituminous, trace brown spotty asphaltic staining, dull yellow scattered fluorescence, slow weak bluewhite diffuse cut, grading to Siltstone
3150' - 3250'	Dolomite:	cream to buff, tan to light graybrown, microcrystalline, soft to firm, chalky to earthy, slightly argillaceous to argillaceous, interbedded with Shale: light gray to graybrown, light brown, firm, platy, calcareous to dolomitic, trace Pyrite
3250' - 3355'	Sandstone:	light gray, clear, very fine to fine grained, sub angular, poor to fair sorting, predominantly unconsolidated, dull gold fluorescence, very slow weak yellowwhite diffuse cut, interbedded with Shale: as above
3355' - 3465'	Siltstone:	light to medium gray, firm, calcareous, grading to very fine grained Sandstone
3465' - 3525'	Shale:	light gray to graygreen, soft to firm, blocky to platy, silty, calcareous to dolomitic, grading to Dolomite: tan to cream, microcrystalline, soft to firm, chalky to fragmental, slightly argillaceous, calcareous in part
3525' - 3600'	Sandstone:	light gray, salt and peppered, clear, very fine to fine grained, sub angular to sub rounded, predominantly unconsolidated, Micaceous to Pyritic, trace asphaltic staining, no fluorescence, slow weak yellowwhite diffuse cut
3600' - 3650'	Shale:	light to medium brown, orangebrown, gray, firm, platy to blocky, silty, calcareous to dolomitic
3650' - 3765'	Siltstone:	light gray, firm, calcareous, Pyritic, grading to very fine grained Sandstone in part, interbeds of Shale: as above

Sample Top: Second Garden Gulch @ 3765'

3765' - 3795'	Limestone:	tan to cream, white in part, cryptocrystalline, soft, chalky
3795' - 3853'	Siltstone:	light to medium gray, firm, calcareous, grading to Sandstone: light gray, clear, very fine grained, sub angular to sub rounded, fair sorting, predominantly

unconsolidated

Note: Tripped at 3853' and switched from Air/Foam to KCL/Water mud system. 20' samples from 3853' to total depth.

3853' - 3942'	Siltstone:	light to medium gray, firm, calcareous, grading to Sandstone: light gray, clear, very fine grained, sub angular to sub rounded, poor sorting, unconsolidated, poor samples after trip, abundant cavings
3942' - 3992'	Sandstone:	gray, clear, very fine to fine grained, sub angular, poor to fair sorting, poorly consolidated to unconsolidated, silty
3992' - 4048'	Shale:	light graybrown to light brown, graygreen in part, firm, blocky, calcareous, interbedded with Siltstone: light to medium gray, firm, calcareous, grading to very fine grained Sandstone

Sample Top: Y-2 @ 4048'

4048' - 4074'	Sandstone:	clear, light gray, very fine to fine grained, occasional medium grains, sub rounded, poorly sorted, poorly consolidated to unconsolidated, grading to Siltstone
4074' - 4102'	Siltstone:	light gray, firm, calcareous

Sample Top: Y-3 @ 4102'

4102' - 4114'	Sandstone:	light brown, clear, very fine to fine grained, sub angular, fair sorting, poorly consolidated to unconsolidated, light brown oil stain and oil on reserve pit, dull gold fluorescence, immediate bluewhite streaming cut
4114' - 4134'	Siltstone:	light gray to graywhite, firm, calcareous, grading to very fine grained Sandstone
4134' - 4138'	Sandstone:	light brown, very fine to fine grained, angular, fair sorting, unconsolidated, light brown oil stain, dull gold fluorescence, immediate bluewhite streaming cut
4138' - 4178'	Shale:	graybrown to brown, soft, platy to sub blocky, calcareous, trace Pyrite, trace Limestone: cream to tan, microcrystalline, soft, chalky
4178' - 4220'	Siltstone:	light gray to graywhite, firm, calcareous,

		grading to very fine grained Sandstone
4220' - 4284'	Shale:	light to dark brown, soft to firm, platy, calcareous, silty to Pyritic, trace Limestone: tan to buff, microcrystalline, soft, chalky, argillaceous
4284' - 4306'	Siltstone:	light gray to graywhite, firm, slightly calcareous, grading to very fine grained Sandstone
4306' - 4334'	Sandstone:	light gray, clear, light brown in part, fine to medium grained, sub angular, poorly sorted, poorly consolidated to unconsolidated, trace light brown oil stain, dull gold fluorescence, slow yellowwhite diffuse to streaming cut, grading to Siltstone
4334' - 4352'	Siltstone:	gray to graybrown, firm, slightly calcareous, grading to Shale

Sample Top: Y-5 @ 4352'

4352' - 4372'	Sandstone:	light graybrown, clear, fine to medium grained, sub angular, poor sorting, poor to fair consolidation, calcareous cemented in part, silty in part
4372' - 4394'	Shale:	light brown to graybrown, firm, platy to blocky, calcareous to silty

Sample Top: Yellow Marker @ 4394'

4394' - 4434'	Sandstone:	light brown to gray, clear, very fine to medium grained, poor sorting, poorly consolidated, calcareous cemented in part, brown oil stain and black asphaltic stain, dull gold to yellow fluorescence, moderate bluewhite streaming to diffuse cut, grading to Siltstone in part
4434' - 4500'	Siltstone:	light to medium gray, firm to slightly hard, calcareous, grading to very fine grained Sandstone in part, trace Pyrite
4500' - 4560'	Siltstone:	light gray to graywhite, firm, calcareous, grading to Sandstone: light brown to gray, very fine to fine grained, sub angular, fair sorting, poorly consolidated to unconsolidated, brown spotty oil stain, dull gold fluorescence, slow to moderate bluewhite diffuse cut

Sample Top: Douglas Creek @ 4560'

4560' - 4574'	Shale:	medium to dark brown, soft, platy, calcareous to marly, grading to Limestone: tan to cream, microcrystalline, soft, chalky, shaly
4574' - 4632'	Siltstone:	light gray to graywhite, firm, calcareous, grading to Shale in part

Note: Core #1 4632' - 4662'. See Core Report for complete description.

4662' - 4694'	Shale:	light to medium gray, firm, platy to sub blocky, slightly calcareous, silty in part
4694' - 4758'	Siltstone:	light to medium gray, firm, calcareous, trace Pyrite, grading to Shale: as above

Sample Top: R-5 @ 4758'

4758' - 4788'	Siltstone:	light gray to graybrown, firm, calcareous, grading to very fine grained Sandstone
4788' - 4804'	Shale:	brown to graybrown, soft to firm, platy to blocky, calcareous to silty, trace Limestone: tan to cream, microcrystalline, firm, chalky to earthy, shaly

Sample Top: Second Douglas Creek @ 4804'

4804' - 4844'	Siltstone:	light gray to graywhite, firm, calcareous, grading to Sandstone: clear to light brown in part, fine to medium grained, sub angular, poorly consolidated to unconsolidated, poor sorting, slight trace dark brown spotty oil stain, trace dull yellow fluorescence, slow weak yellowwhite diffuse cut
4844' - 4894'	Siltstone:	gray to graybrown, firm to slightly hard, calcareous to Pyritic, interbeds of Shale: graybrown to brown, soft to firm, platy, calcareous to marly
4894' - 4932'	Siltstone:	light gray to graywhite, firm, calcareous, grading to very fine grained Sandstone in part

Sample Top: Green Marker @ 4932'

4932' - 4980'	Shale:	gray to graybrown, medium brown, soft to firm, platy to blocky, calcareous, silty, trace Limestone: tan to cream, microcrystalline, firm, dense to chalky,

		argillaceous
4980' - 5008'	Siltstone:	light to medium gray, graywhite, firm, calcareous

Sample Top: G-3 @ 5008'

5008' - 5042'	Sandstone:	light brown to gray brown, clear, very fine to medium grained, sub angular, poor sorting, poorly consolidated to unconsolidated, calcareous cemented in part, brown oil stain and abundant black asphalt, dull gold fluorescence, immediate bright bluewhite streaming cut, grading to Siltstone
5042' - 5072'	Shale:	gray to graybrown, firm, platy, slightly calcareous, silty in part
5072' - 5080'	Sandstone:	light brown, clear, very fine to fine grained, sub angular, fair sorting, poorly consolidated to unconsolidated, brown oil stain, dull gold fluorescence, immediate bright bluewhite streaming cut
5080' - 5126'	Shale:	light to medium gray, graybrown, firm, platy to blocky, calcareous to silty
5126' - 5150'	Shale:	dark brown to graybrown, soft to firm, blocky to platy, calcareous to carbonaceous, trace Pyrite
5150' - 5166'	Shale:	light to medium gray, graybrown, firm, platy to blocky, calcareous to silty
5166' - 5206'	Siltstone:	light gray to graywhite, firm, calcareous, grading to Sandstone: light brown, clear, very fine to fine grained, sub angular, poorly consolidated to consolidated, fair sorting, calcareous cemented in part, brown oil stain, dull gold fluorescence, slow yellowwhite diffuse to streaming cut
5206' - 5220'	Shale:	light gray to graybrown, firm, platy to blocky, slightly calcareous
5220' - 5234'	Shale:	dark brown to dark graybrown, soft, blocky, slightly calcareous, carbonaceous
5234' - 5262'	Shale:	light to medium gray, graybrown, soft to firm, blocky to platy, calcareous to marly, silty in part
5262' - 5298'	Shale:	dark gray to dark graybrown, firm to

		brittle, blocky, very slightly calcareous, carbonaceous
5298' - 5320'	Shale:	gray to graybrown, soft to firm, blocky to platy, calcareous, silty in part
5320' - 5390'	Shale:	dark brown to dark graybrown, firm to brittle, blocky to fissile in part, slightly calcareous, carbonaceous in part, trace finely disseminated Pyrite
5390' - 5410'	Shale:	light brown to graybrown, soft, blocky, very calcareous to marly

Sample Top: Carbonate Marker @ 5410'

5410' - 5420'	Limestone:	tan to cream, microcrystalline, firm, chalky to fragmental in part, dolomitic, slight argillaceous
5420' - 5440'	Shale:	light to medium gray, soft to firm, calcareous to silty

Note: Core #2 5440' - 5470'. See Core Report for complete description.

5470' - 5502'	Siltstone:	light to medium gray, firm to slightly hard, calcareous, grading to very fine grained Sandstone in part
5502' - 5542'	Sandstone:	clear, light graybrown to brown, salt and peppered, fine to medium grained, angular to sub angular, poor sorting, poorly consolidated to unconsolidated, slight trace brown spotty oil stain, dull gold scattered fluorescence, slow weak bluewhite streaming to diffuse cut, grading to Siltstone
5542' - 5608'	Siltstone:	light gray to graywhite, firm to slightly hard, calcareous, grading to very fine grained Sandstone in part, interbeds of Shale: brown to graybrown, firm, blocky to platy, slightly calcareous, silty
5608' - 5630'	Sandstone:	clear, salt and peppered, fine to medium grained, sub angular to sub rounded, poor sorting, poorly consolidated to unconsolidated, trace brown spotty oil stain, dull gold fluorescence, slow weak diffuse to streaming bluewhite cut, silty in part
5630' - 5700'	Siltstone:	gray to graywhite, firm to slightly hard, calcareous grading to Sandstone: as

above, interbeds of Shale: gray to graybrown, dark brown in part, soft to firm, calcareous, silty, carbonaceous in part

Note: Driller's Total Depth @ 5700'. Circulate and condition hole for logging.

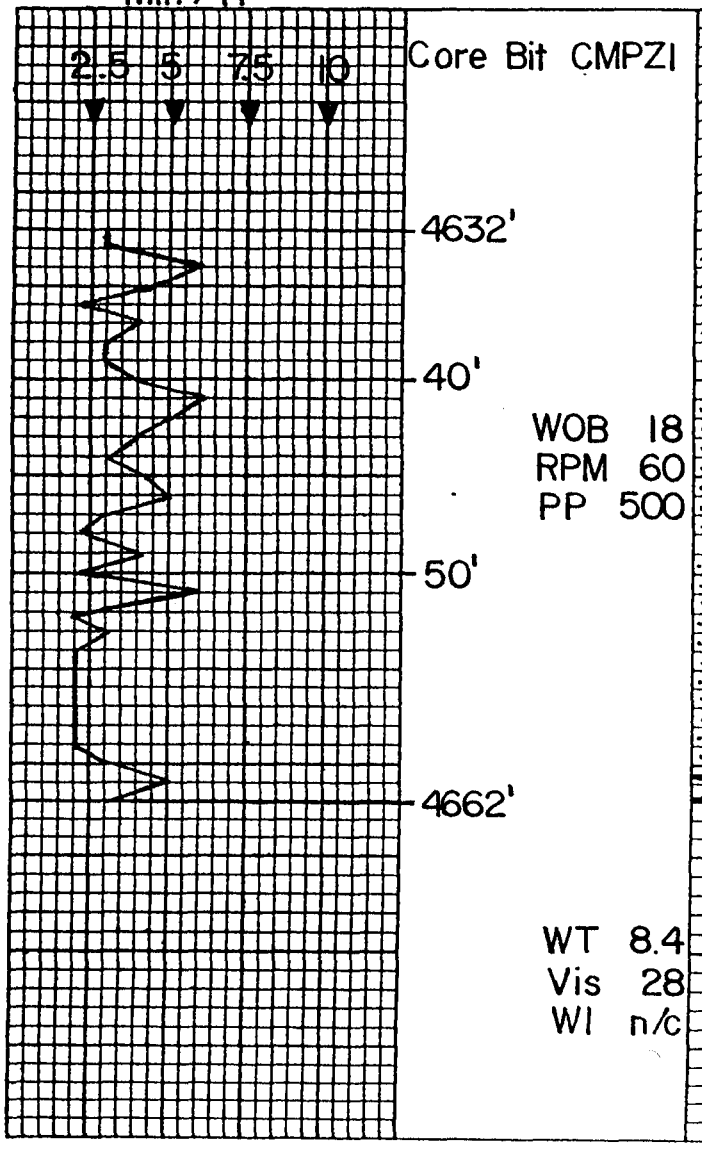
BOC MF #33-8 ATTN: Keven Reinschmidt / [illegible]ickerstaff

CORE REPORT NO. 1

FORMATION: R-2 Sand INTERVAL: 4632' - 4662' CUT: 30'

CORE COMPANY: DBS DATE: 23 Feb 94 RECOVER: 28.5'

WELLSITE ANALYSIS: Roy L. Clement LAB ANALYSIS: Terra Tek, Salt Lake City, UT



MICRO DESCRIPTIONS

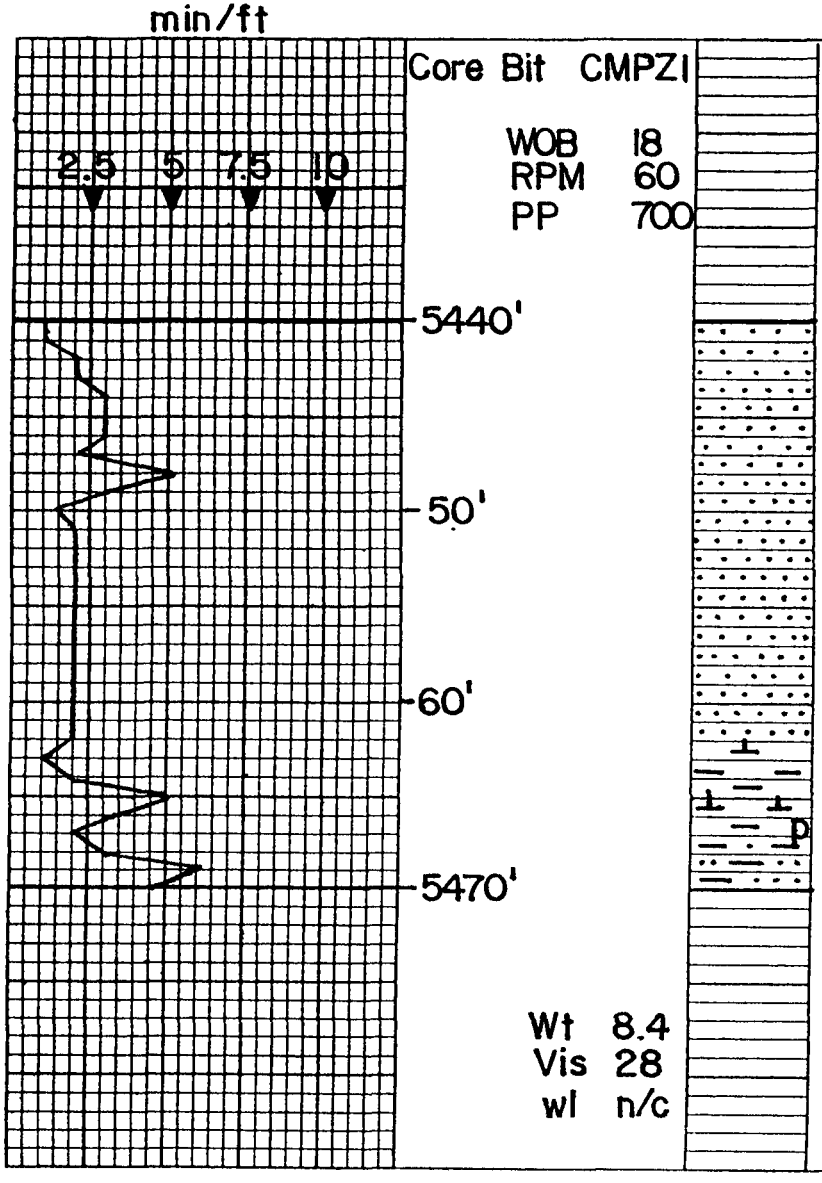
4632'-4641'	Shale: medium gray, firm, calcareous, silty in part, abundant black carbonaceous plant remains
4641'-4647'	Sandstone: light brown, fine to medium grained, sub angular, poorly sorted, fairly consolidated & calcareous cemented, micaceous, very poor visual porosity, vertically fractured, dark brown oil stain and bleeding oil through out, moderate to bright yellowgreen fluorescence, immediate bright bluewhite streaming cut
4647'-4652'	Shale: light gray to graybrown, firm, slightly calcareous, interbedded with Sandstone: light brown, very fine to fine grained, sub angular, fair sorting, well consolidated and calcareous cemented, micaeous, very poor visual porosity, spotty brown oil stain and slightly bleeding dark brown oil, fluorescence and cut as above
4652'-4660.5'	Sandstone: light to medium brown, very fine to medium grained, sub angular, poor sorting, well consolidated and calcareous cemented, poor visual porosity, micaceous, dark brown bleeding oil and good oil saturation through out, moderate to bright yellowgreen fluorescence, immediate bright bluewhite streaming cut
4660.5'-4662'	Not recovered

CORE REPORT NO. 2

FORMATION: B-1 Sand INTERVAL: 5440' - 5470' CUT: 30'

CORE COMPANY: DBS DATE: 25 Feb 94 RECOVER: 30'

WELLSITE ANALYSIS: Roy L. Clement LAB ANALYSIS: Terra Tek, Salt Lake City, UT



MICRO DESCRIPTIONS

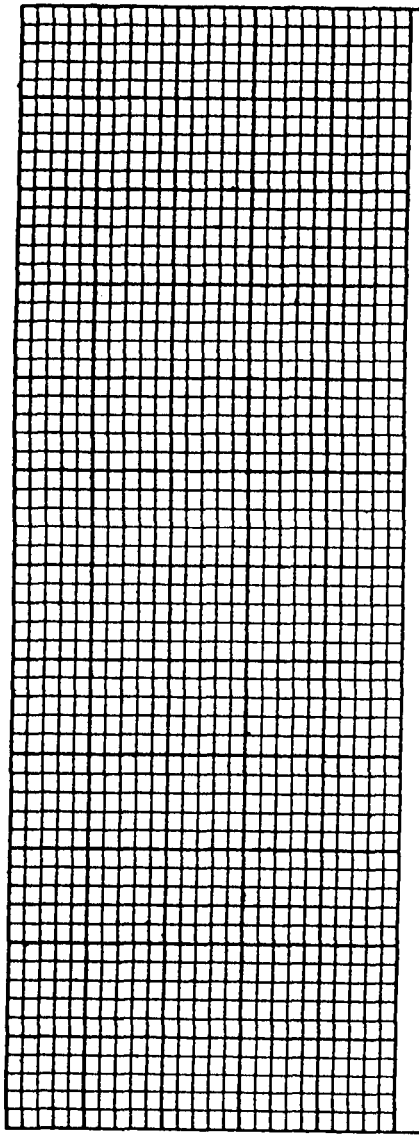
5440'-5448'	Sandstone: light brown, clear, very fine to medium grained, angular to sub angular, poor sorting, well consolidated, calcareous cement, micaceous, poor visual porosity, open vertical fracture @ 5440'-41', yelloworange bleeding oil & yellow wax residue, good oil saturation, bright yellowgreen fluorescence, immediate bright bluewhite cut
5448'-5450'	Sandstone: as above with vertical fractures through out
5450'-5460'	Sandstone; light brown to light graybrown, clear, very fine to medium grained, angular to sub angular, poor sorting, well consolidated, calcareous cement, micaceous, poor visual porosity, yelloworange bleeding oil and yellow wax residue, good oil satuaration, occasional dark brown oil stain, bright yellowgreen fluorescence, immediate bright blue white streaming cut
5460'-5462'	Sandstone: gray to graybrown,veryfine to medium grained, angular to sub angular, poor sorting, well consolidated, slightly calcareous, micaceous, cross-bedded, dark brown and yelloworange bleeding oil and good oil satuaration, fluorescence and cut as above
5462'-5466'	Shale: light to medium gray, firm, calcareous, silty, (rubble)

CORE REPORT NO. 2

FORMATION: _____ INTERVAL: _____ CUT: _____

CORE COMPANY: _____ DATE: _____ RECOVER: _____

WELLSITE ANALYSIS: _____ LAB ANALYSIS: _____



CORE #2 CONTINUED

54666'-5467'	Shale: black, firm, slightly calcareous, abundant finely disseminated Pyrite, petroliferous, spotty yellowgreen fluorescence, moderate bluewhite streaming cut
5467'-5470'	Siltstone: light to medium gray, very calcareous, laminated in part, grading to very fine grained sandstone

LOGGING REPORT

Logging Company: Schlumberger **Engineer**: Chris Presmyk **Date**: 2/27/94

Witnessed by: Roy Clement and Al Plunkett

Driller's TD Depth: 5700' **Logger's TD Depth**: 5700'

Driller's Casing Depth: 262' **Logger's Casing Depth**: 262'

Elevation: **GL**: 5318' **Sub**: 10' **KB**: 5328'

Mud Conditions: **Wt**: 8.4 **Vis**: 26 **WL**: n/c
BHT: 143^0 F

Hole Conditions: Good

Logging Time: **Time Arrived**: 1800 hrs **First Tool in Hole**: 2030 hrs
Last Tool Out: 1700 hrs **Time of Departure**: 1900 hrs

Electric Logging Program:

1.) Integrated Porosity Lithology Log with Gamma Ray and Caliper from 5698' to 2500'.

2.) Azimuthal Laterlog with Gamma Ray from 5685' to 50'.

3.) Dipole Shear Sonic STC P & S Mode Gamma Ray from 5672' to 4000'.

4.) RFT-GR at 5446'; 5077'; 4901'; 4659'; 4110'.

5.) Mechanical Sidewall Cores at 5462'; 5455'; 5446'; 5275'; 5171'; 5077'; 5041'; 5013'; 4902'; 4659'; 4655'; 4646'; 4536'; 4401'; 4350'; 4315'; 4142'; 4141.5'; 4114'; 4109'; 3059'.

Log Tops: Green River Formation @ 1438'; Horsebench Ss @ 2171'; Second Garden Gulch @ 3779'; Y-3 @ 4102'; Y-5 @ 4348'; Yellow Marker @ 4398'; Douglas Creek @ 4566'; R-2 @ 4644'; Second Douglas Creek @ 4798'; Green Marker @ 4936'; G-3 @ 5008'; Carbonate Marker @ 5404'; B-1 @ 5442'; Total Depth @ 5700'.

Zones of Interest: 3055' to 3064': 9' with 14-17% porosity

Y-3 @ 4102' to 4144': 21' with 14-18% porosity

4313' to 4321': 8' with 11-12% porosity

Y-5 @ 4344' to 4354': 10' with 8% porosity

Yellow Marker @ 4398' to 4403': 5' with 17-21% porosity

4524' to 4538': 14' with 10-18% porosity

R-2 @ 4634' to 4663': 19' with 10-16% porosity

4900' to 4904': 4' averaging 11% porosity

G-3 @ 5008' to 5042': 34' with 8-10% porosity

5075' to 5079': 4' with 10-13% porosity

5169' to 5172': 3' with 12-13% porosity

B-1 @ 5442'-5463': 19' with 10-13% porosity

Note: The following pages contain log excerpts over zones of interest.

COMPANY: **BALCRON OIL COMPANY**

WELL: **MONUMENT FEDERAL 33-8**

FIELD: **MONUMENT BUTTE**

COUNTY: **DUCHESNE** STATE: **UTAH**

COUNTY: DUCHESNE
Field: MONUMENT BUTTE
Location: NW/SE
Well: MONUMENT FEDERAL 33-8
Company: BALCRON OIL COMPANY

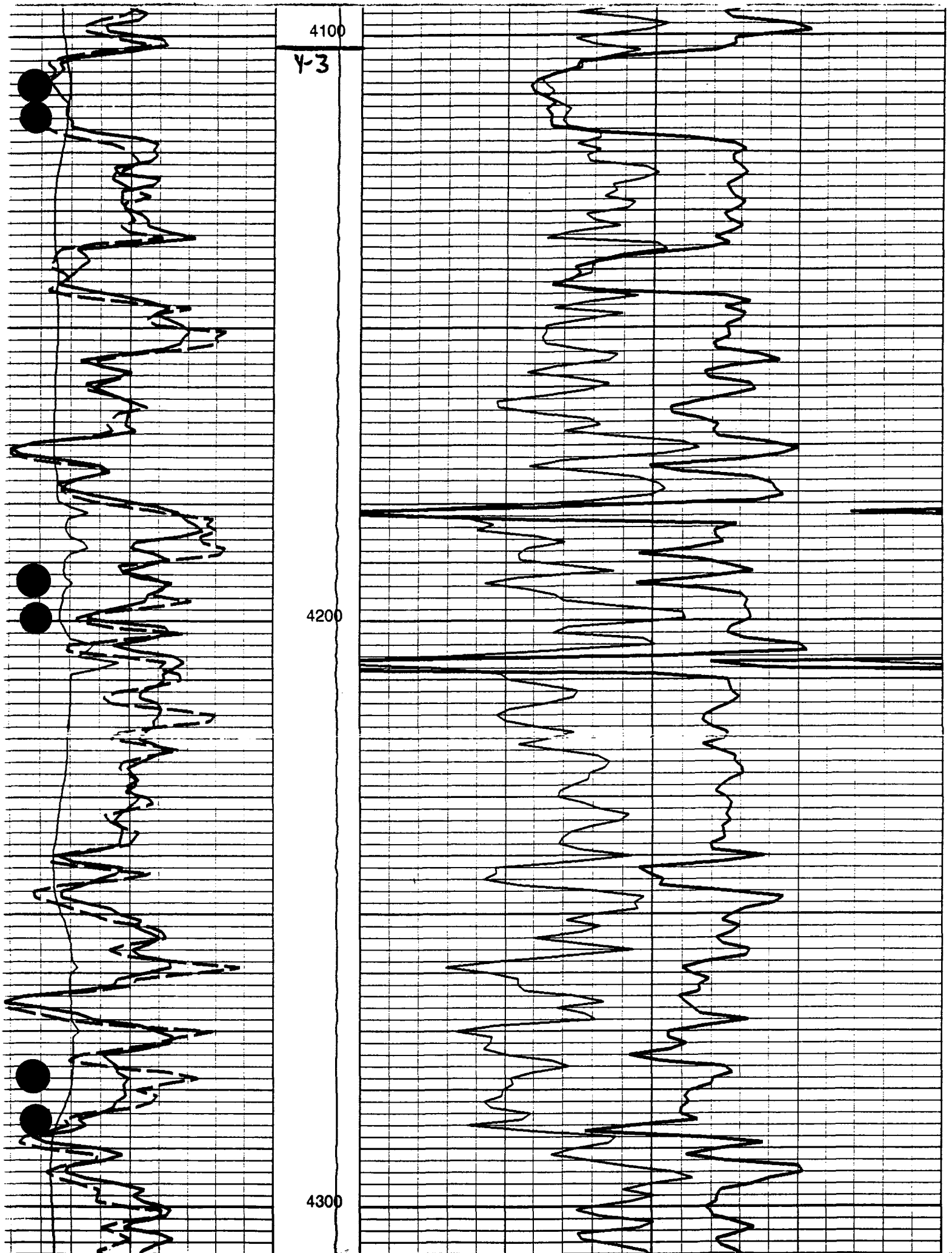
Schlumberger

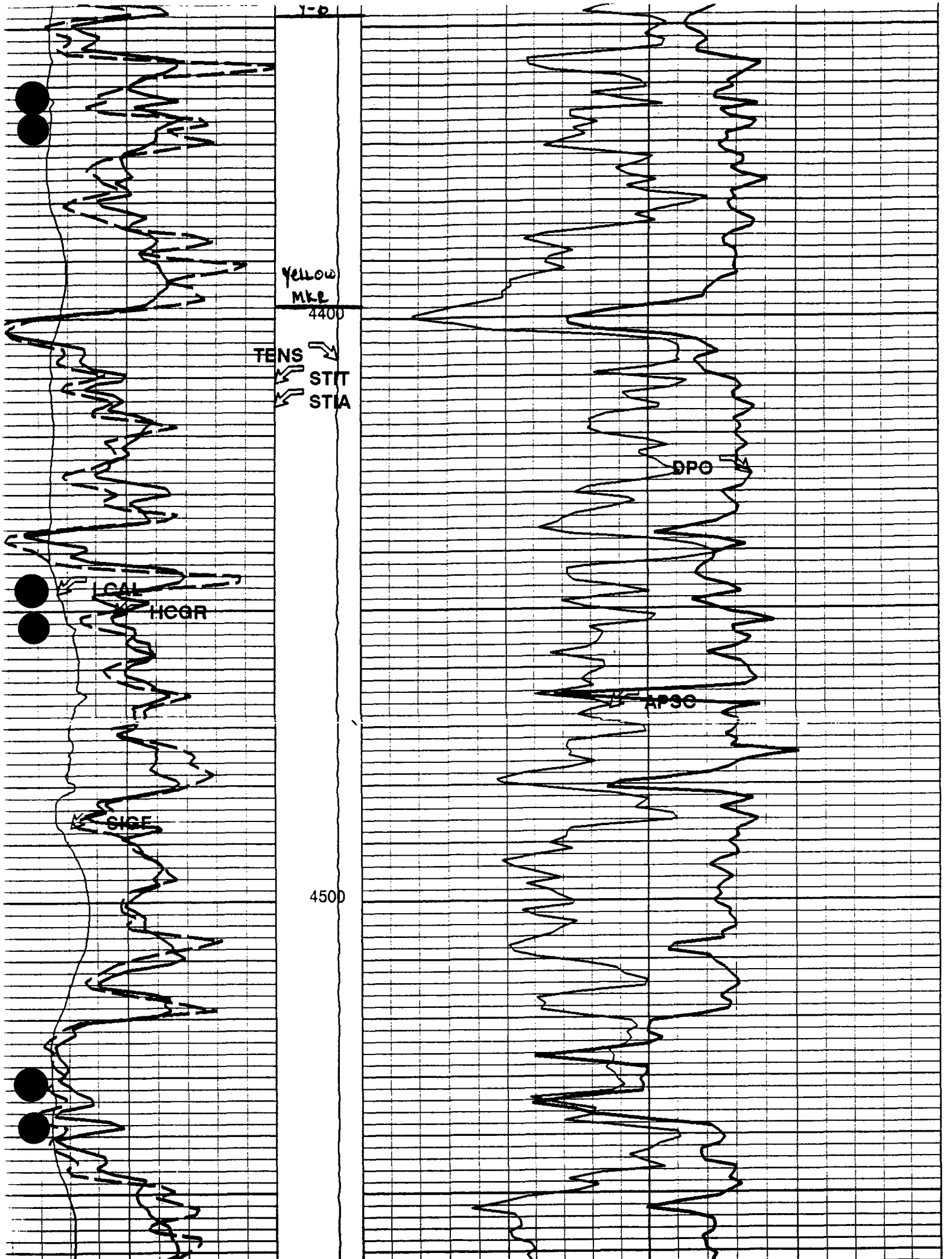
INTEGRATED POROSITY LITHOLOGY LOG

LOCATION	NW/SE 1980' FSL 1980' FEL	Elev.:	K.B. 5328 F G.L. 5318 F D.F. 5327 F
	Permanent Datum: GROUND LEVEL	Elev.:	5318 F
	Log Measured From: KB		10.0 F above Perm. Datum
	Drilling Measured From: KB		

API Serial No.	SECTION	TOWNSHIP	RANGE
	8	9S	17E

Logging Date		FEB-26-1994							
Run Number		1							
Depth Driller		5700 F							
Schlumberger Depth		5700 F							
Bottom Log Interval		5698 F							
Top Log Interval		2500 F							
Casing Driller Size @ Depth		8.625 IN	@	262 F			@		
Casing Schlumberger		262 F							
Bit Size		7.875 IN							
Type Fluid In Hole		KCL WATER							
Density	Viscosity	8.4 LB/G							
Fluid Loss	PH								
Source Of Sample		MUD TANK							
RM @ Measured Temperature		0.290 OHMM	@	60 DEGF			@		
RMF @ Measured Temperature		0.290 OHMM	@	60 DEGF			@		
RMC @ Measured Temperature			@				@		
Source RMF	RMC	MEAS		NO SAMPLE					
RM @ BHT	RMF @ BHT	0.132 @ 140		0.132 @ 140			@		@
Maximum Recorded BHT		140 DEGF							
Circulation Stopped	Time	FEB-26-1994		1800					
Logger On Bottom	Time	FEB-26-1994		SEE LOG					
Unit Number	Location	2009	CASPER						
Recorded By		CHRIS PRESMYK							
Witnessed By		ROY CLEMENT, AL PLUNKETT							


4100
Y-3
4200
4300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MKR
4400
TENS
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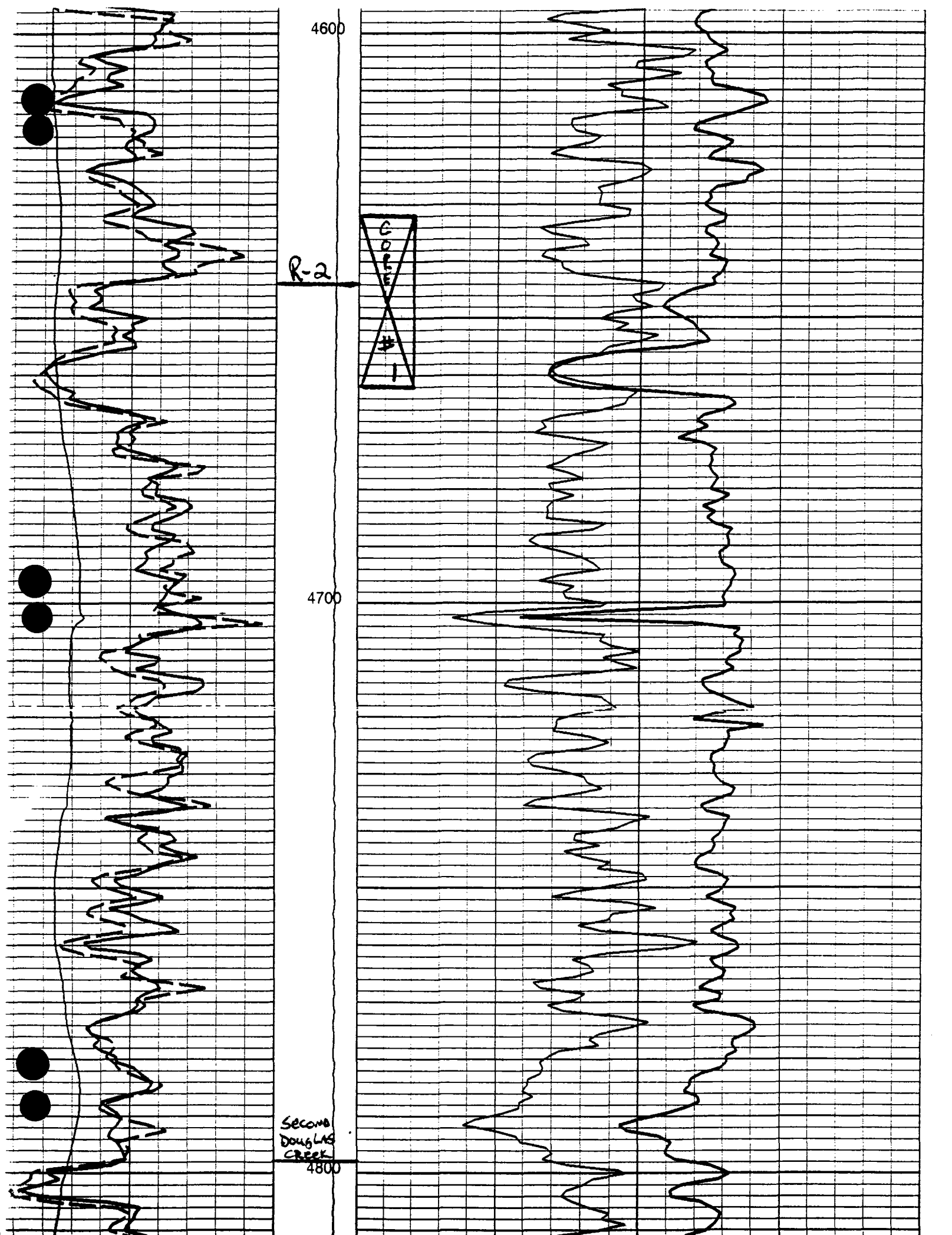
DPO
CAL
HCGR
APSC
SIGF
4500


4600
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1
4700
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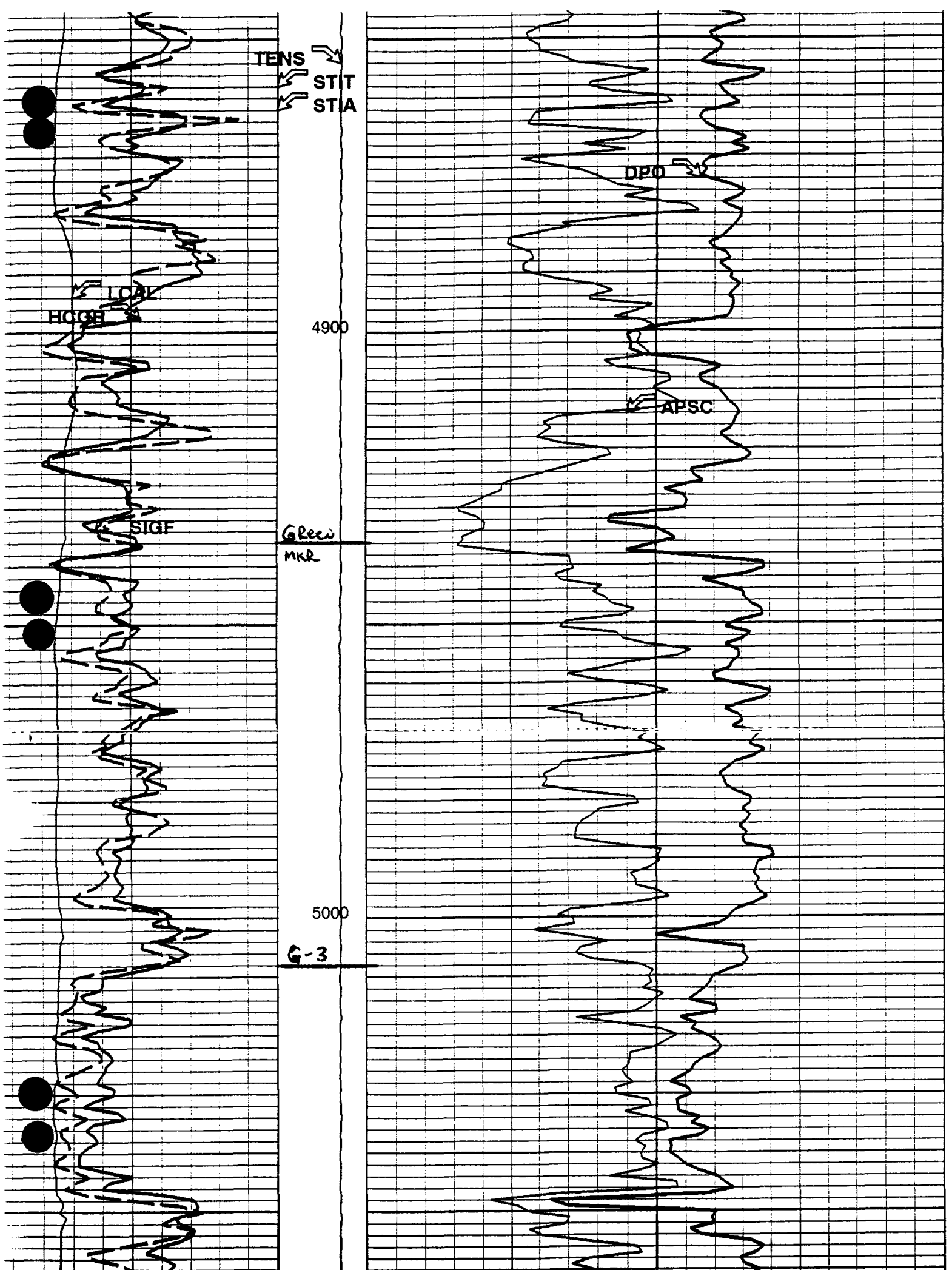
4800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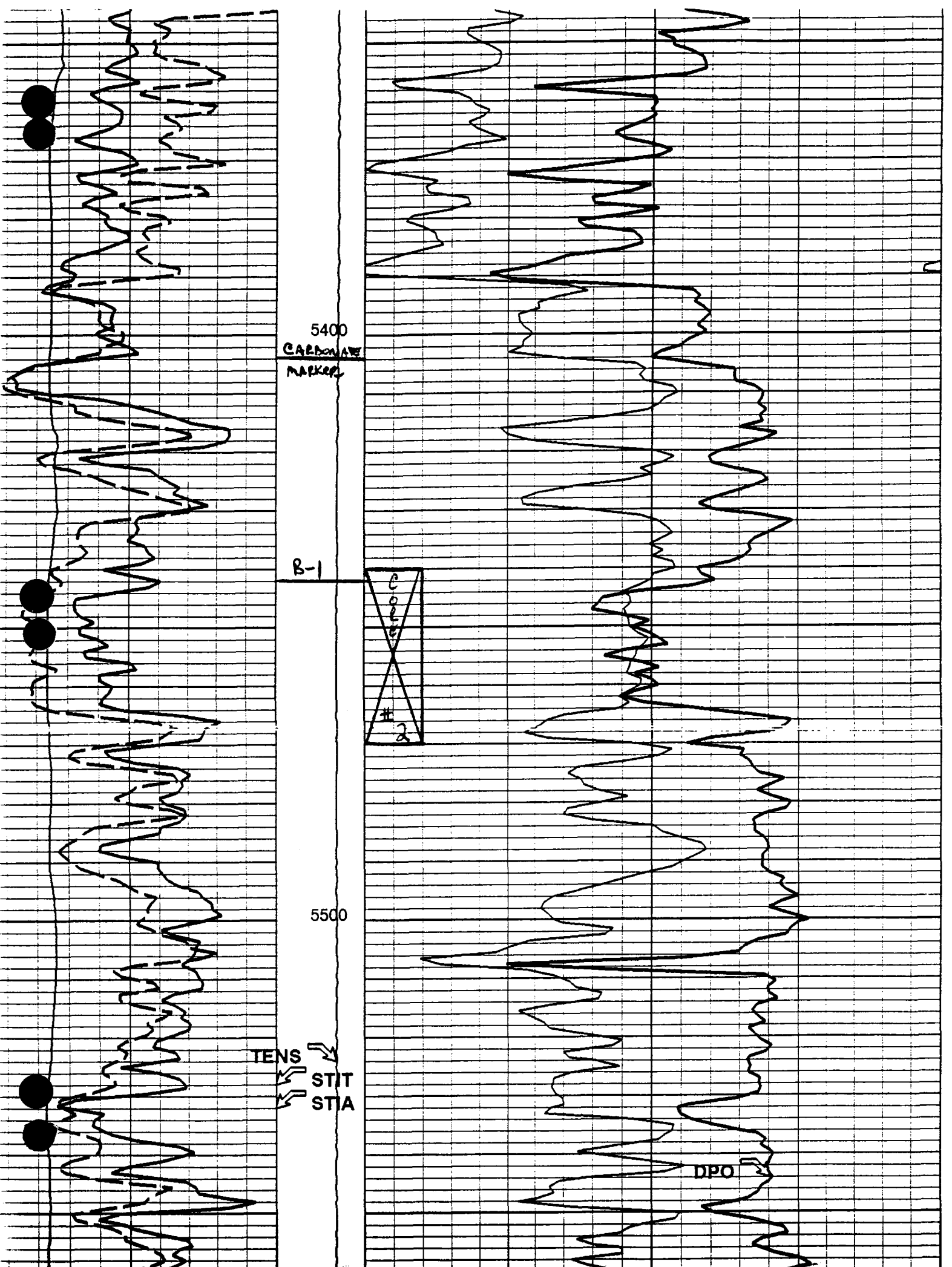
MKR
5000
G-3


5400
CARBONATE
MARKER
B-1
Core
#2
5500
TENS
STIT
STIA
DPO

CLEMENT CONSULTING
1907 SLIGO LANE
BILLINGS, MONTANA 59106
(406) 656-9514

CONFIDENTIAL

COMPANY: BALCRON OIL COMPANY

WELL: BALCRON MONUMENT FEDERAL NO. 33-8

LOCATION: NW SE (1980' FSL & 1980' FEL) SEC. 8 - T9S - R17E
DUCHESNE COUNTY, UTAH

DEPTH LOGGED: 1400' - 5700' DATE: 19 FEB 94 - 27 FEB 94

KB: 5328' GL: 5318'

GEOLOGIST: ROY L. CLEMENT

CONTRACTOR: UNION DRILLING RIG 17

DRILLING FLUID: AIR/FOAM 272' - 3853'
KCL/WATER 3853' - TD

Porosity

Oil Show

8 5/8" Surface Casing set at 262'

Drlg 7 7/8" Borehole w/ Bit No. 1 M84CF in at 272'

LOG TOPS

Sample Tops

Drill Rate (min/ft)

API - GR

0 1 2 3 4 5

1400'

50' samples logged & caught by mud loggers from 1400' - 3853'

Green River 1440'

GREEN RIVER 1438' (3890')

Ss lt gy clr vf - f gr sub ang - sub rnd p consol - unconsol fr srt calc cmt ip tr Pyr

1500

Sh lt brn - orngbrn gybrn sft - frm plty - sub blky calc - dol tr Pyr & Dol

1600

Sh lt - m brn gybrn lt orng - orngbrn sft - frm plty - blky calc - dol tr Pyr

1700

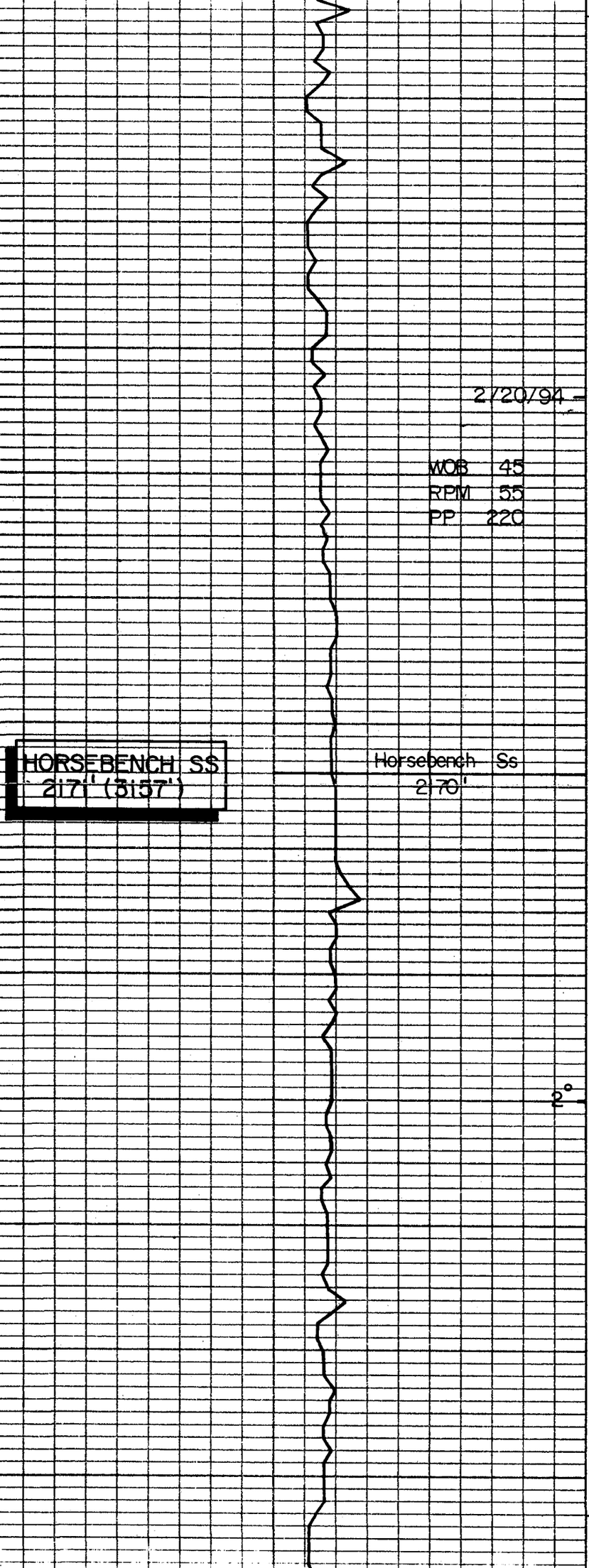
Dol tn - crm micxl sft chky arg - shly calc

Ss lt gy - gybrn vf gr sub ang p consol fr srt mod - bri yel flor, imm bri bluwh stmg cut tr asph & oil

3/4°

1800

Sh lt brn - gybrn orngbrn sft - frm plty - sub blky



HORSEBENCH SS
2171' (3157')

Horsebench Ss
2170'

1900

2000

2/20/94 -

WOB 45
RPM 55
PP 220

2100

P

2200

2°

2300

2400

calc - dol fr Pyr occ intbds of Dol

Sh lt orng - orngbrn brn - gy sft - frm plty - blky dol - mrly fr Pyr & wh Calc xl

Sh orng - orngbrn gybrn sft - frm plty - blky dol - mrly fr Pyr & Dol

Ss lt gy clr vf - f gr sub ang - ang p consol - un consol fr srt bit ip intbds of Sh a/a

Sh lt - m brn gybrn sft - frm plty - sub blky calc - dol

Sh brn - gybrn orngbrn sft - frm plty - blky calc fr dol

2500

Dol tn-crm micxl sft chky-rthy shly

2600

P

Ss lt brn-lt gy clr vf-f gr occ m gr sub ang p srt p consol-unconsol Pyr-Mica tr dk brn asph stn scat dull yel flor slo bluwh strng-dif cut

2700

P

Sh lt gybrn-gy brn sft-frm plty-blky calc-dol abnt Pyr grdg to Dol crm-buf micxl sft chky-rthy shly

P

1 1/4° = 2800

P

Ss gy-brn clr lp vf-m gr sub ang p srt p consol-unconsol Pyr-Mica tr brn asph stn dull gold flor, slo bluwh strng cut

2900

P

Sh brn-orngbrn sft plty-sub blky Pyr dol

P

Dol crm-tn micxl sft chky-rthy, arg-shly

3000

P

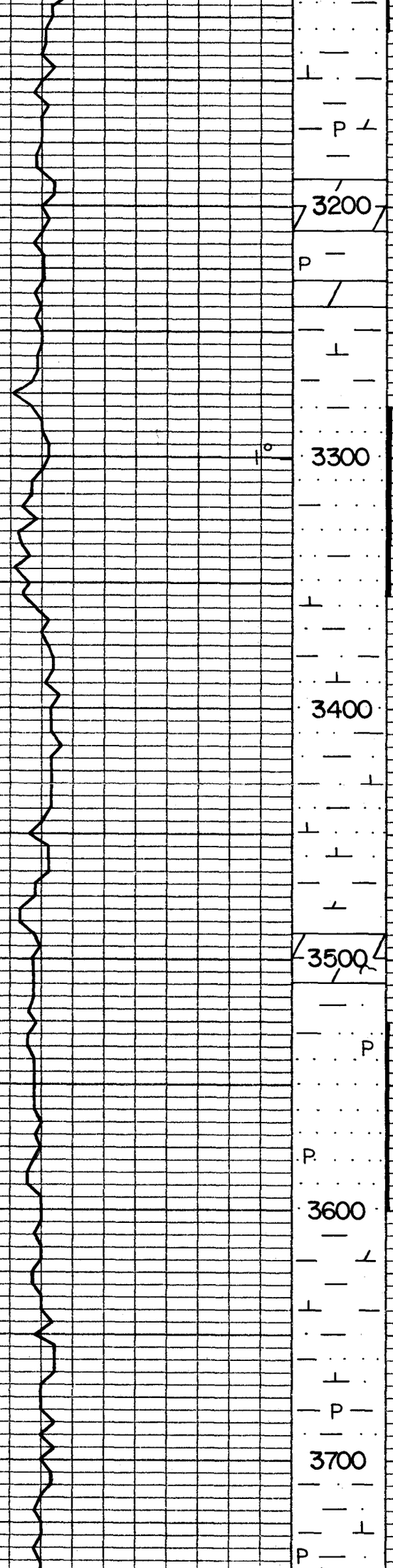
WOB 45
RPM 55
PP 200

Ss lt gy S & P vf-f gr sub ang-sub rnd fr srt p consol Mica-Bit tr brn asph stn dull yel scat flor slo wk bluwh dif cut grdg to Sltst

2/21/94

P

3100



P

Sh lt gy - gybrn lt brn frm plty calc - dol tr Pyr

3200

Dol crm - buf tn - lt gybrn micxl sft - frm chky - rthy s/ arg - arg

P

Ss lt gy clr vf - f gr sub ang p - fr srt pred unconsol dull acid flor v slo wk yelwh dif cut

1°

3300

Sltst lt - m gy frm calc grdg to vf gr Ss

3400

Sh lt gy - gygn sft - frm blky - plty slty calc - dol grdg to Dol

3500

P

Ss lt gy s & p clr vf - f gr sub ang - sub rnd pred unconsol Mica - Pyr tr asph stn no flor slo wk yelwh dif cut

P

3600

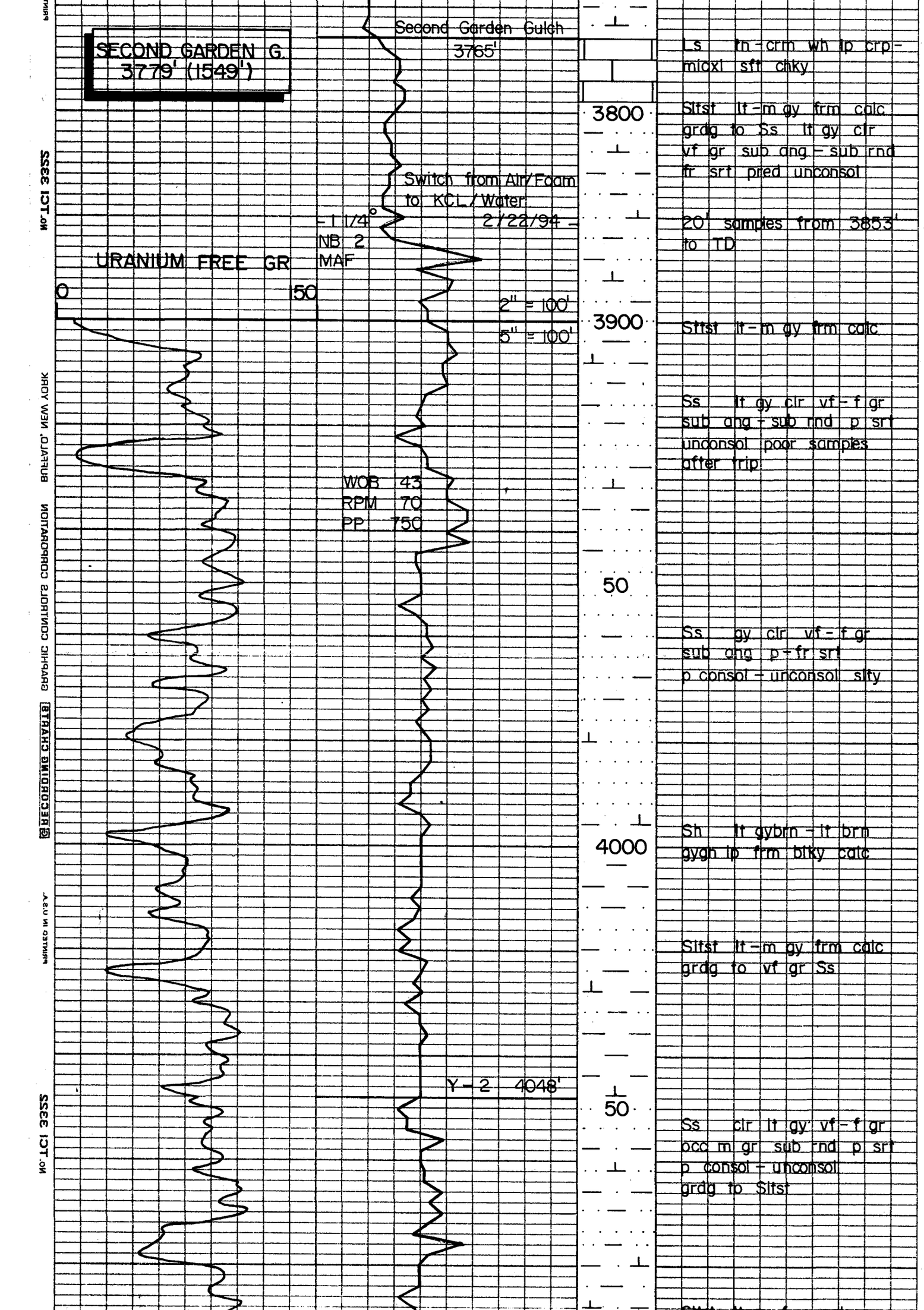
Sh lt - m brn orngbrn gy frm plty - blky slty calc - dol

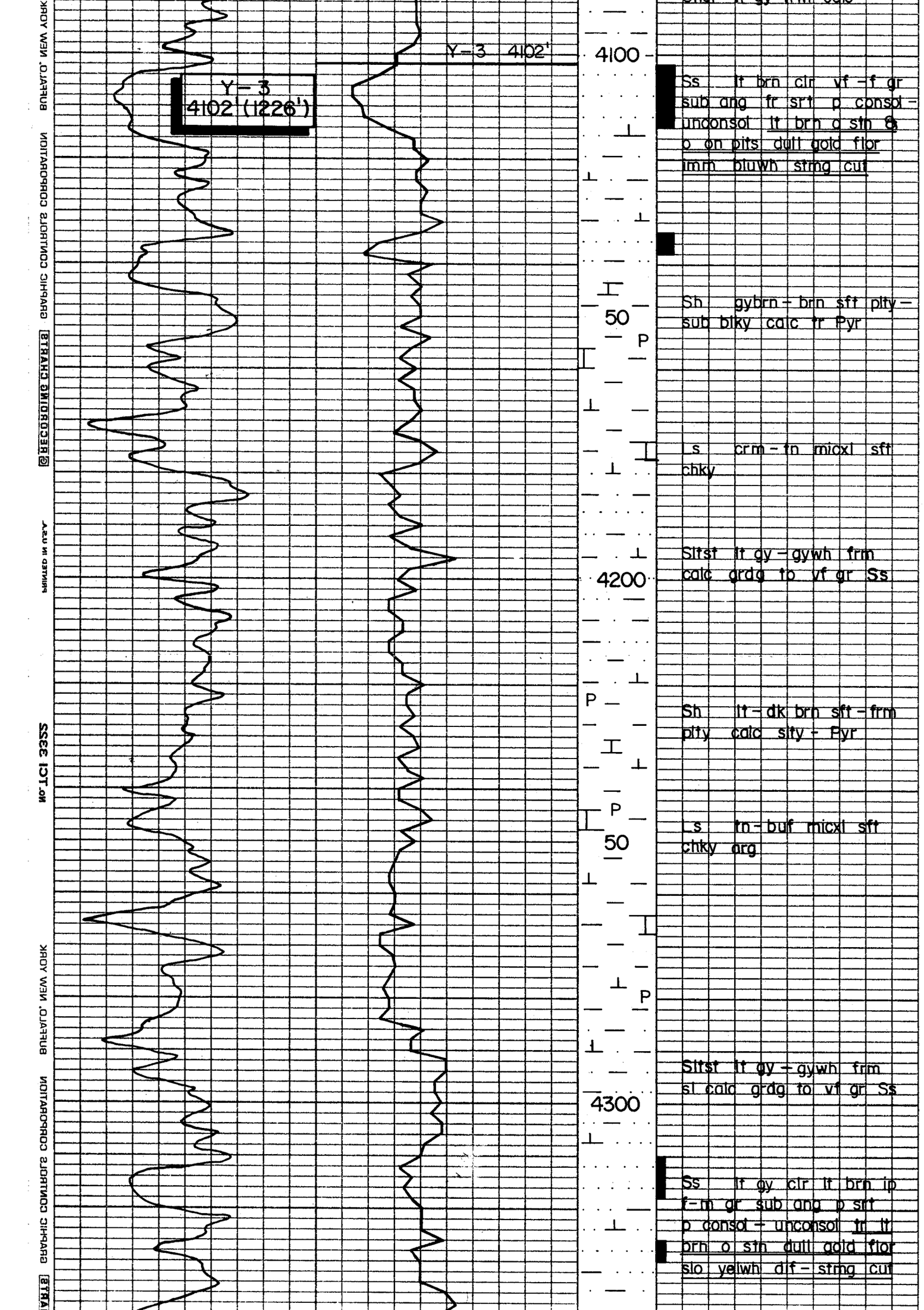
P

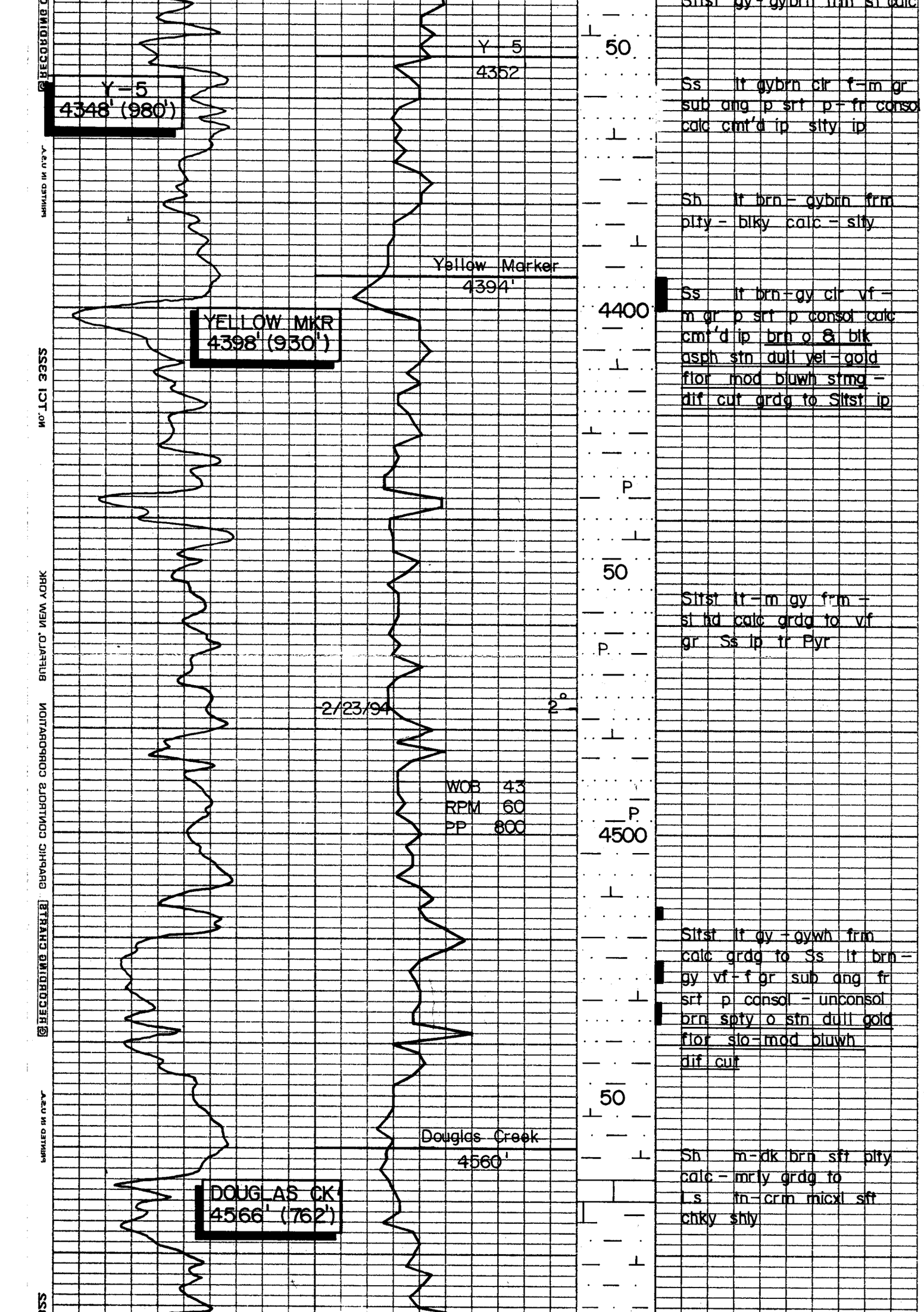
3700

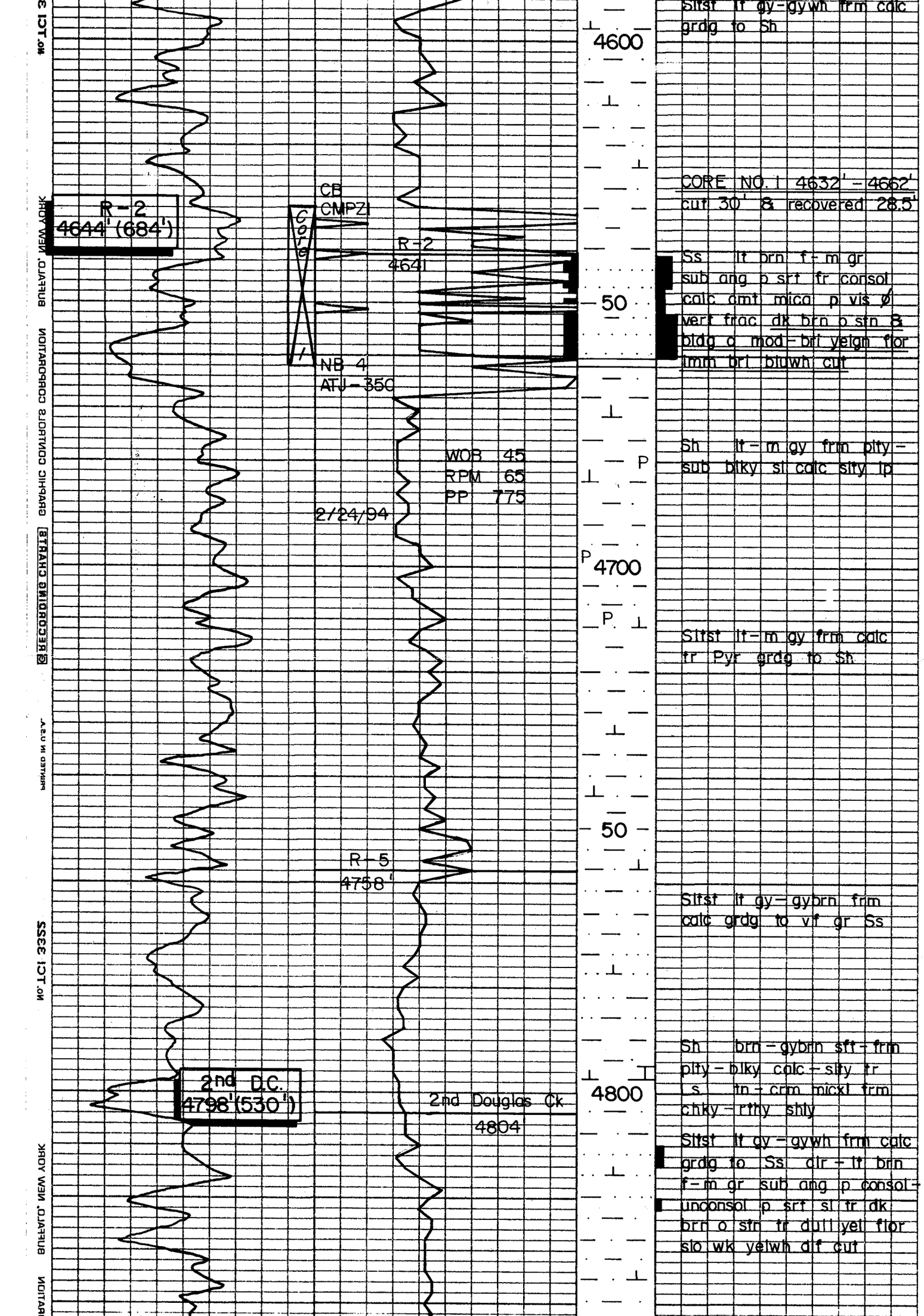
Sltst lt gy frm calc Pyr grdg to vf gr Ss ip

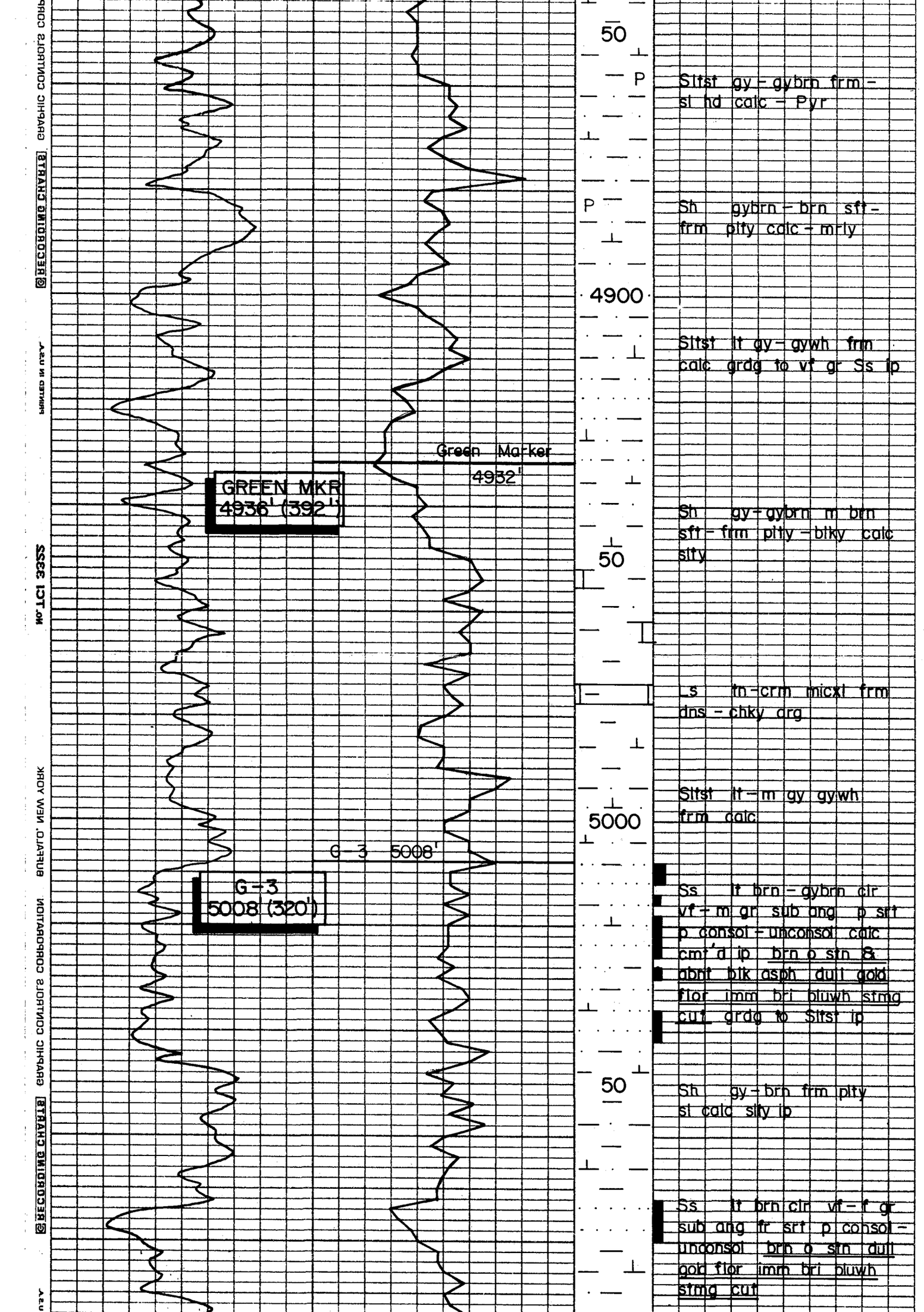
P

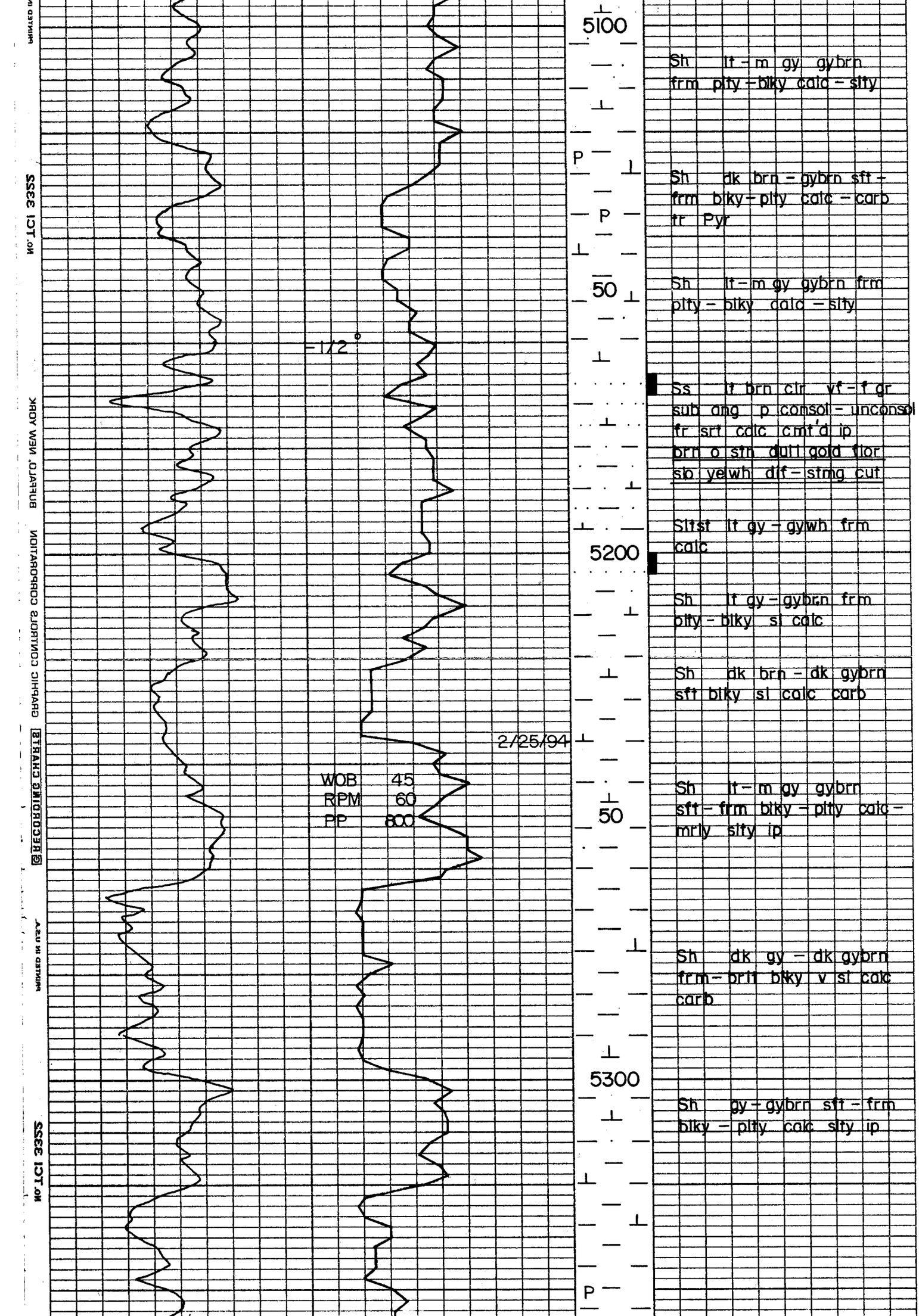

SECOND GARDEN G.
3779' (1549')
Second Garden Gulch
3765'
Switch from Air/Foam
to KCL / Water
2/22/94
-1 1/4°
NB 2
MAF
URANIUM FREE GR
0
50
2" = 100'
5" = 100'
WOB 43
RPM 70
PP 750
Y-2 4048'
3800
3900
50
4000
50
Ls lt-m gy crm wh lp crp-micxl sft chky
Sltst lt-m gy frm calc grdg to Ss lt gy clr vf gr sub ang-sub rnd fr srt pred unconsol
20' samples from 3853' to TD
Sltst lt-m gy frm calc
Ss lt gy clr vf-f gr sub ang-sub rnd p srt unconsol poor samples after trip
Ss gy clr vf-f gr sub ang p-fr srt p consol-unconsol slty
Sh lt gybrn-lt brn gygn lp frm blky calc
Sltst lt-m gy frm calc grdg to vf gr Ss
Ss clr lt gy vf-f gr occ m gr sub rnd p srt p consol-unconsol grdg to Sltst


Y-3 4102'
Y-3
4102' (1226')
4100
50
4200
50
4300
Ss lt brn clr vf-f gr sub ang fr srt p consol-unconsol lt brn o stn & p on pits dull gold flor imm bluwh stmg cut
Sh gybrn-brn sft plty-sub blky calc fr Pyr
Ls crm-tn micxl sft chky
Sltst lt gy-gywh frm calc grdg to vf gr Ss
Sh lt-dk brn sft-frm plty calc slty-Pyr
Ls tn-buf micxl sft chky org
Sltst lt gy-gywh frm sl calc grdg to vf gr Ss
Ss lt gy clr lt brn ip f-m gr sub ang p srt p consol-unconsol fr lt brn o stn dull gold flor slo yelwh dif-stmg cut


Y-5
4348' (980')
YELLOW MKR
4398' (930')
DOUGLAS CK
4566' (762')
Y 5
4352
Yellow Marker
4394'
Douglas Creek
4560'
2/23/94
2°
WOB 43
RPM 60
PP 800
50
4400
P
50
P
4500
50
Slfst gy-gybrn frm sl calc
Ss lt gybrn clr f-m gr sub ang p srt p-fr consol calc cmt'd ip slty ip
Sh lt brn-gybrn frm plty-blky calc-slty
Ss lt brn-gy clr vf-m gr p srt p consol calc cmt'd ip brn o & blk asph stn dull yel-gold flor mod bluwh stmg - dif cut grdg to Slfst ip
Slfst lt-m gy frm - sl hd calc grdg to vf gr Ss ip tr Pyr
Slfst lt gy-gywh frm calc grdg to Ss lt brn-gy vf-f gr sub ang fr srt p consol - unconsol brn spty o stn dull gold flor slo-mod bluwh dif cut
Sh m-dk brn sft plty calc - mrly grdg to Ls fn-crm micxl sft chky shly
RECORDING CHART GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK PRINTED IN U.S.A.


R-2
4644' (684')
CB
CMPZI
Core
R-2
4641
NB 4
ATJ-350
WOB 45
RPM 65
PP 775
2/24/94
R-5
4758'
2nd D.C.
4798' (530')
2nd Douglas Ck
4804
4600
50
4700
50
4800
Slfst lt gy-gywh frm calc grdg to Sh
CORE NO. 1 4632' - 4662'
cut 30' & recovered 28.5'
Ss lt brn f-m gr sub ang p srt fr consol calc cmt mica p vis ø vert frac dk brn o stn & bldg o mod-bri yelgn flor imm bri bluwh cut
Sh lt-m gy frm plty-sub blky sl calc slty lp
Slfst lt-m gy frm calc tr Pyr grdg to Sh
Slfst lt gy-gybrn frm calc grdg to vf gr Ss
Sh brn-gybrn sft-frm plty-blky calc-slty tr Ls tn-crm micxl frm chky-rthy shly
Slfst lt gy-gywh frm calc grdg to Ss clr-lt brn f-m gr sub ang p consol-unconsol p srt sl tr dk brn o stn fr dull yel flor slo wk yelwh dif cut


50
P
Sltst gy - gybrn frm - sl hd calc - Pyr
P
Sh gybrn - brn sft - frm plty calc - mrly
4900
Sltst lt gy - gywh frm calc grdg to vf gr Ss ip
Green Marker
4932'
GREEN MKR
4936' (392')
Sh gy - gybrn m brn sft - frm plty - blky calc slty
50
_s tn - crm micxl frm dns - chky drg
Sltst lt - m gy gywh frm calc
5000
G-3 5008'
G-3
5008' (320')
Ss lt brn - gybrn clr vf - m gr sub ang p srt p consol - unconsol calc cmt'd ip brn o stn & abnt blk asph dull gold flor imm bri bluwh stmg cut grdg to Sltst ip
50
Sh gy - brn frm plty sl calc slty ip
Ss lt brn clr vf - f gr sub ang fr srt p consol - unconsol brn o stn dull gold flor imm bri bluwh stmg cut


5100
P
50
5200
50
5300
P
=1/2°
2/25/94
WOB 45
RPM 60
PP 800
Sh lt-m gy gybrn frm plty-blky calc-slty
Sh dk brn-gybrn sft-frm blky-plty calc-carb tr Pyr
Sh lt-m gy gybrn frm plty-blky calc-slty
Ss lt brn clr vf-f gr sub ang p consol-unconsol fr srt calc cmt'd ip brn o stn dull gold flor slo yelwh dif-strng cut
Sltst lt gy-gywh frm calc
Sh lt gy-gybrn frm plty-blky sl calc
Sh dk brn-dk gybrn sft blky sl calc carb
Sh lt-m gy gybrn sft-frm blky-plty calc-mrly slty ip
Sh dk gy-dk gybrn frm-brit blky v sl calc carb
Sh gy-gybrn sft-frm blky-plty calc slty ip
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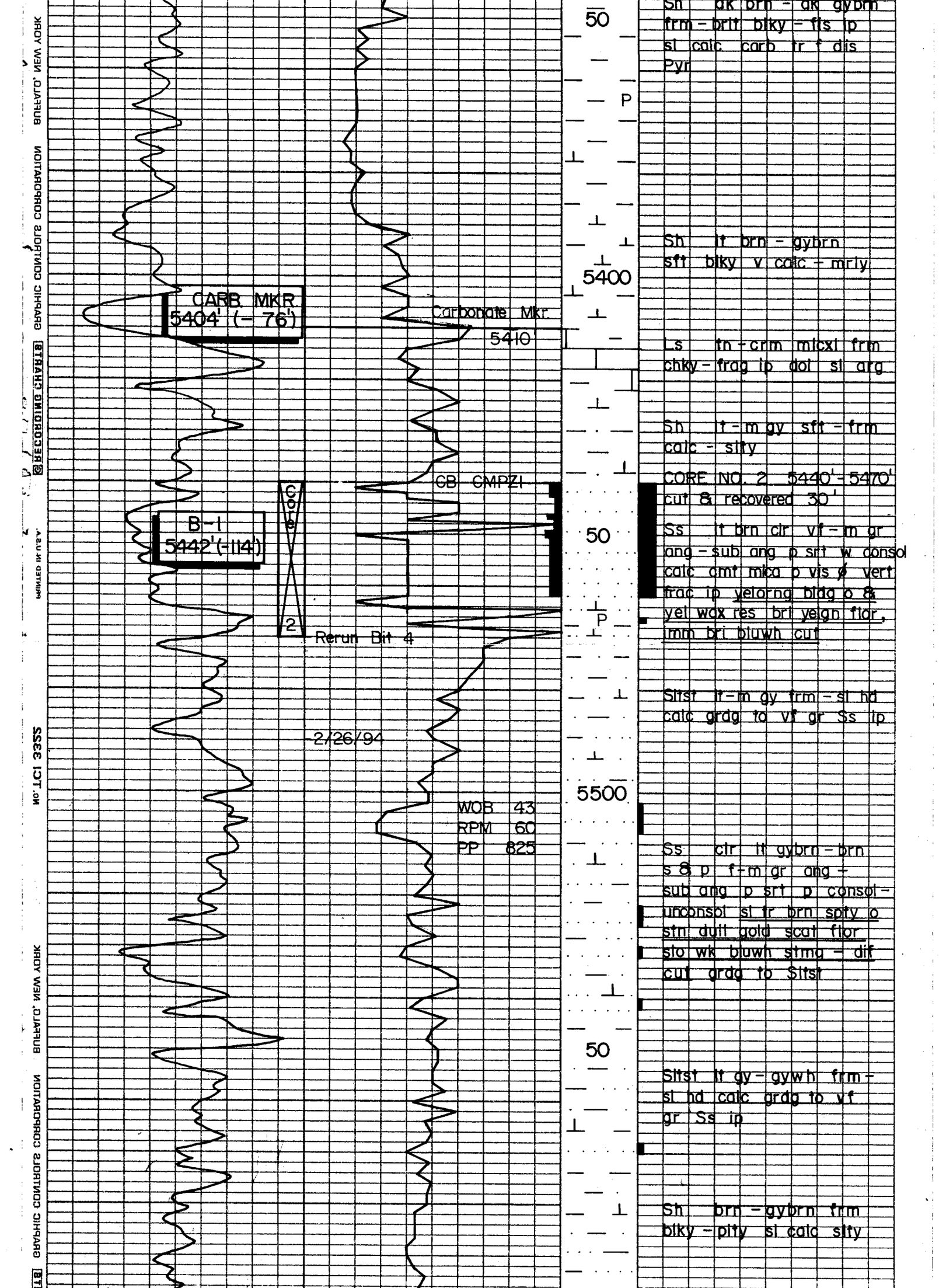
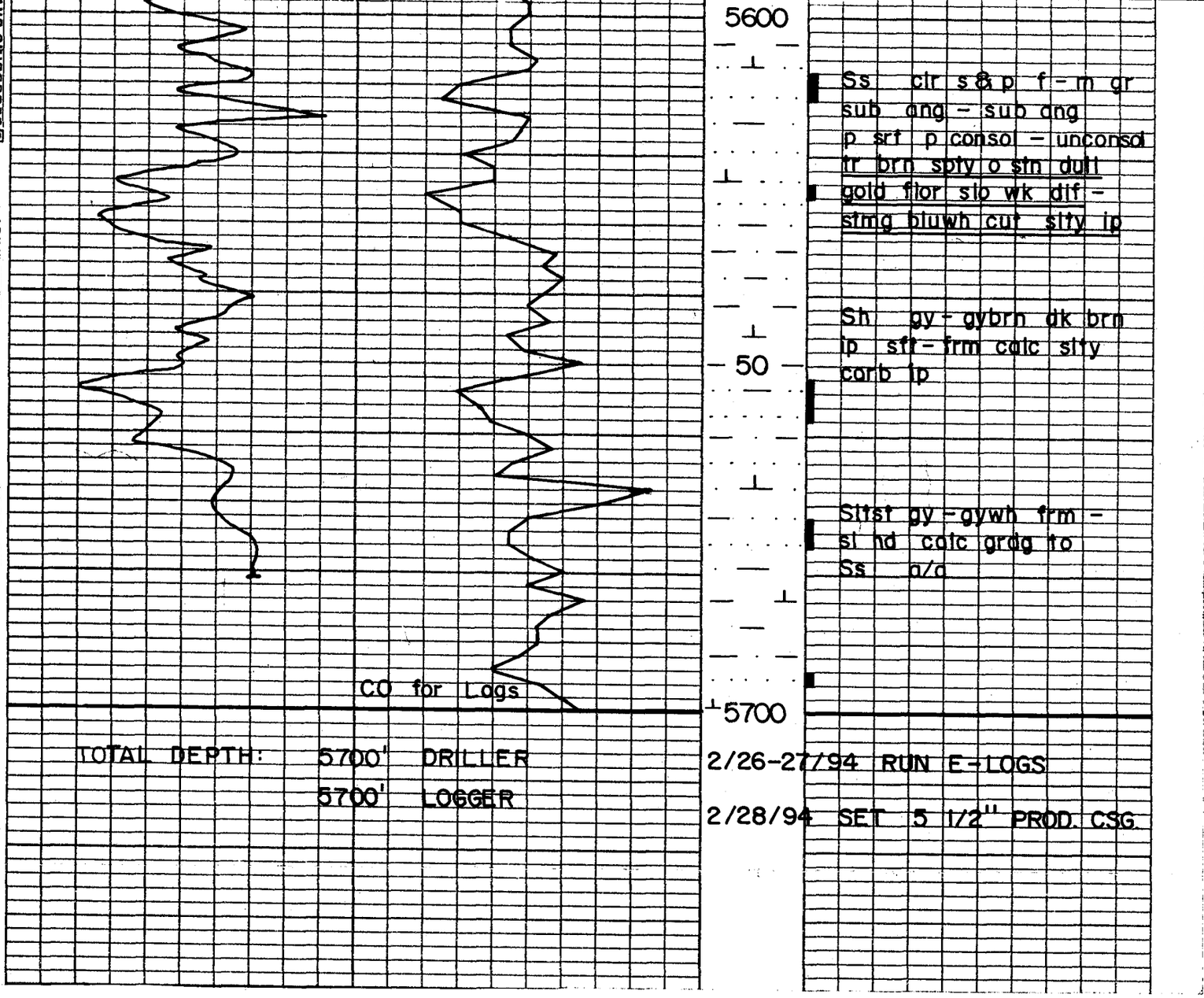

CARB. MKR
5404' (- 76')
B-1
5442'(-114')
Carbonate Mkr
5410'
GB CMPZI
Core
2
Rerun Bit 4
2/26/94
WOB 43
RPM 60
PP 825
50
P
5400
50
P
5500
50
Sh dk brn - dk gybrn frm - brit blky - fls ip sl calc carb fr f dis Pyr
Sh lt brn - gybrn sft blky v calc - mrly
Ls fn - crm micxl frm chky - frag ip dol sl arg
Sh lt - m gy sft - frm calc - slty
CORE NO. 2 5440'-5470' cut & recovered 30'
Ss lt brn clr vf - m gr ang - sub ang p srt w consol calc cmt mica p vis ø vert frac ip yelorng bldg o & yel wox res brt yelgn flor, imm brt bluwh cut
Sltst lt - m gy frm - sl hd calc grdg to vf gr Ss ip
Ss clr lt gybrn - brn s & p f - m gr ang - sub ang p srt p consol - unconsol sl fr brn spty o stn dull gold scat flor slo wk bluwh strmg - dif cut grdg to Sltst
Sltst lt gy - gywh frm - sl hd calc grdg to vf gr Ss ip
Sh brn - gybrn frm blky - plty sl calc slty
GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
RECORDING CHARTS
PRINTED IN U.S.A.
No. LCI 3355
GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK


5600
Ss clr s & p f - m gr sub ang - sub ang p srt p consol - unconsol tr brn spty o stn dull gold flor slo wk dif - stmg bluwh cut slty ip
Sh gy - gybrn dk brn lp sft - frm calc slty carb lp
50
Sltst gy - gywh frm - sl hd calc grdg to Ss a/a
CO for Logs
5700
TOTAL DEPTH: 5700' DRILLER
5700' LOGGER
2/26-27/94 RUN E-LOGS
2/28/94 SET 5 1/2" PROD. CSG.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-7978
6. If Indian, Allottee or Tribe Name: n/a
7. If Unit or CA, Agreement Designation: n/a

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
8. Well Name and No.: Balcron Monument Federal #33-8
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division
9. API Well No.: 43-013-31427
3. Address and Telephone No.: P.O. Box 21017, Billings, MT 59104 (259-7860
10. Field and Pool, or Exploratory Area: Monument Butte /Green River
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): NW SE Section 8, T9S, R17E; 1980' FSL, 1980' FEL
11. County or Parish, State: Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Report of First Production	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

First production on this well was on 3-21-94 at 11:30 a.m.

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MAR 23 1994
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date 3-21-94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UTAH DIVISION OF OIL, GAS AND MINING
EQUIPMENT INVENTORY

Operator: EQUITABLE RESOURCES COMPANY Lease: State: ____ Federal: Y
Indian: ____ Fee: ____

Well Name: MONUMENT FEDERAL #33-8 API Number: 43-013-31427
Section: 8 Township: 9S Range: 17E County: DUCHESNE Field: MONUMENT BUTTES
Well Status: POW Well Type: Oil: Y Gas: ____

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY: ____

Y Well head ____ Boiler(s) ____ Compressor ____ Separator(s)
____ Dehydrator(s) ____ Shed(s) ____ Line Heater(s) ____ Heated Separator
____ VRU ____ Heater Treater(s)

PUMPS:
____ Triplex ____ Chemical Y Centrifugal

LIFT METHOD:
Y Pumpjack ____ Hydraulic ____ Submersible ____ Flowing

GAS EQUIPMENT:

N Gas Meters N Purchase Meter N Sales Meter

TANKS:	NUMBER		SIZE
	Y	Oil Storage Tank(s)	2-400 WITH BURNERS BBLS
	Y	Water Tank(s)	1-150 BARREL PIT TANK BBLS
		Power Water Tank	BBLS
		Condensate Tank(s)	BBLS
	Y	Propane Tank	

REMARKS: PUMP JACK POWER BY GAS MOTOR AND RUN OFF CASING HEAD GAS. CENTRIFUGAL PUMP IS A TRACE PUMP FOR GLYCOL; GAS IS VENTED (NO METERS OR SALES LINE.

Location central battery: Qtr/Qtr: ____ Section: ____ Township: ____
Range: ____

Inspector: DENNIS L. INGRAM Date: 3/23/94

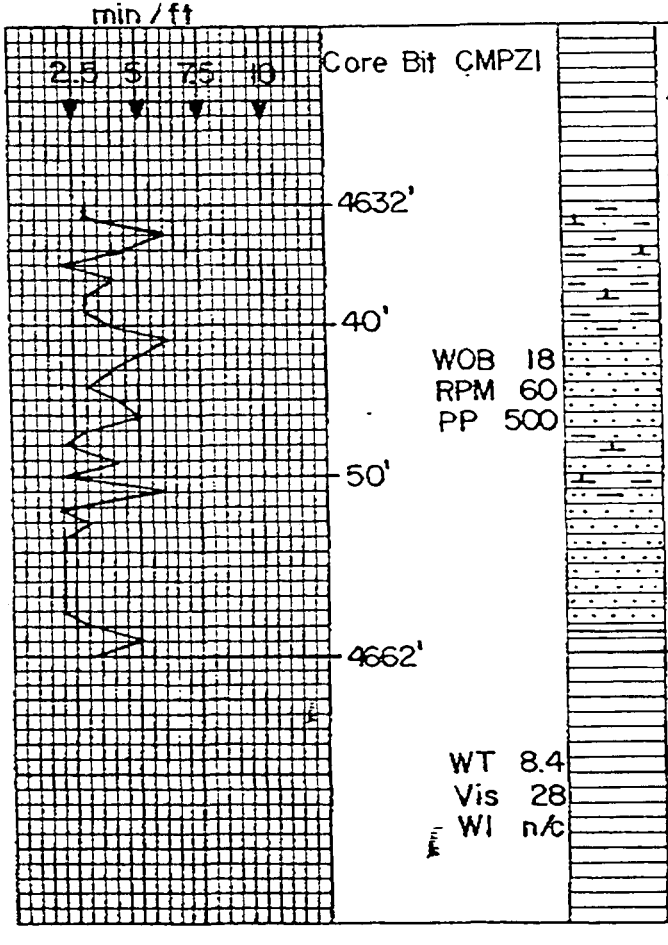
BOC MF #33-8 ATIN: Keven Reinschmidt / Dave Bickerstaff

CORE REPORT NO. 1

FORMATION: R-2 Sand INTERVAL: 4632' - 4662' CUT: 30'

CORE COMPANY: DBS DATE: 23 Feb 94 RECOVER: 28.5'

WELLSITE ANALYSIS: Roy L. Clement LAB ANALYSIS: Terra Tek, Salt Lake City, UT



MICRO DESCRIPTIONS

4632'-4641'	Shale: medium gray, firm, calcareous, silty in part, abundant black carbonaceous plant remains
4641'-4647'	Sandstone: light brown, fine to medium grained, sub angular, poorly sorted, fairly consolidated & calcareous cemented, micaceous, very poor visual porosity, vertically fractured, dark brown oil stain and bleeding oil through out, moderate to bright yellowgreen fluorescence, immediate bright bluewhite streaming cut
4647'-4652'	Shale: light gray to graybrown, firm, slightly calcareous, interbedded with Sandstone: light brown, very fine to fine grained, sub angular, fair sorting, well consolidated and calcareous cemented, micaceous, very poor visual porosity, spotty brown oil stain and slightly bleeding dark brown oil, fluorescence and cut as above
4652'-4660.5'	Sandstone: light to medium brown, very fine to medium grained, sub angular, poor sorting, well consolidated and calcareous cemented, poor visual porosity, micaceous, dark brown bleeding oil and good oil saturation through out, moderate to bright yellowgreen fluorescence, immediate bright bluewhite streaming cut
4660.5'-4662'	Not recovered

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017

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TREATMENT REPORT

Date of Treatment: 3-3-94

Well Name Monument Fed. 33-8 SEC. 8 TWN. 9S RNG. 17E
Field Monument Butte County Duchesne State Utah

Formation/Perforations: Green River / 5444-63

Treatment type: SAND FRAC. Total Number of Holes: 76
Treatment Company: WESTERN

Volume	Fluid	Conc.	BPM	PSI	Sand Characteristics Size	Volume
____ Gal.						
____ Gal.			BPM	PSI		
6000 Gal.	2% KCL WATER PAD		25.0	1590		
500 Gal.	"	2#	25.0	1610	20/40	1000 #
500 Gal.	"	3#	24.8	1600	20/40	1500 #
1000 Gal.	"	4#	24.0	1670	20/40	4000 #
1800 Gal.	"	5#	24.1	1690	20/40	9000 #
1000 Gal.	"	6#	26.1	1630	20/40	6000 #
2000 Gal.	"	6#	26.4	1780	16/30	12000 #
1900 Gal.	"	7#	25.7	1710	16/30	13300 #
5441 Gal.	" FLUSH		26.1 27.5	1710 2150	— / —	#

TOTAL FLUID PUMPED: ____ gal. ____ % ____ Acid
____ gal. ____ fluid

TOTAL SAND VOL.: 24500 lbs. 20/40 sand
25300 lbs. 16/30 sand
____ lbs. / sand
____ lbs. / bauxite

Flushed well with 5441 gal. of 2% KCL WATER
____ ball sealers were pumped. Was ball action seen? ____
Barrels of Load to Recover 487 BLTR.
Avg. Treating Pressure = 1700 psi, max = 2150 psi, min = 1100 psi.
Avg. Treating Rate = 26.0 bpm, max = 28.1 bpm, min = 24.1 bpm.
ISIP = 1650 psi, 5 min. = 1480 psi, 10 min. = 1350 psi, 15 min. = 1240 psi.
Well will be shut in for 19 hrs. before bringing back fluid.

REMARKS: RUN TRACE ISOTOPE,

Well site Supervisor: [signature]

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017

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TREATMENT REPORT

Date of Treatment: 3-3-94

Well Name Monument Fed. 33-8 SEC. 8 TWN. 9S RNG. 17E
Field Monument Butte County Duchesne State Utah

Formation/Perforations: Green River / 5444-63

Treatment type: HCL Break Down Total Number of Holes: 76
Treatment Company: Western

Volume	Fluid	Conc.	Sand Characteristics Size	Volume
_____ Gal.				
_____ Gal.				
_____ Gal.				
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#

TOTAL FLUID PUMPED: 500 gal. 15% HCL Acid
3192 gal. 2% KCL WATER fluid

TOTAL SAND VOL.: ~~5,000~~ lbs. / sand
_____ lbs. / sand
_____ lbs. / sand
_____ lbs. / bauxite

Flushed well with _____ gal. of _____
150 ball sealers were pumped. Was ball action seen? HH HH HH HH HH HH HH HH
Barrels of Load to Recover 96 BLTR. HH II BALL OFF
Avg. Treating Pressure = 2300 psi, max = 4950 psi, min = 1000 psi.
Avg. Treating Rate = 7.0 bpm, max = 7.0 bpm, min = 4.6 bpm.
ISIP = 1200 psi, 5 min. = _____ psi, 10 min. = _____ psi, 15 min. = _____ psi.
Well will be shut in for _____ hrs. before bringing back fluid.

REMARKS: SPOT ACID AT EOT, RUN 4 BALLS PER BBL.
INITIAL BREAK 3300 AT 4.6 BPM, BACK TO 2350 AT 7 BPM
SURGE BALL OFF. PUMP FOR RATE 13.0 BPM AT 5000 PSI

Well site Supervisor: D. D. Ottley

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017

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TREATMENT REPORT

Date of Treatment: 3-7-94

Well Name Monument Fed. 33-8 SEC. 8 TWN. 9S RNG. 17E
Field Monument Butte County Duchesne State Utah

Formation/Perforations: Green River / 4656-62

Treatment type: SAND FRAC W/ TRACE Total Number of Holes: 24
Treatment Company: WESTERN

Volume	Fluid	Conc.			Sand Characteristics Size	Volume
____ Gal.						
____ Gal.						
3000 Gal.	2% HCL WATER PAD	0	20.2	2940		
400 Gal.	"	2	20.2	2910	16/30	800 #
400 Gal.	"	3	20.3	2900	16/30	1200 #
500 Gal.	"	4	20.3	2880	16/30	2000 #
600 Gal.	"	5	20.4	2730	16/30	3000 #
800 Gal.	"	6	20.4	2570	16/30	4800 #
~~900~~ Gal.	"	7	20.4	2520	16/30	6300 #
3066 Gal.	" FLUSH	0	~~20.3~~ 20.1	~~2600~~ 3330	/	#
____ Gal.					/	#

TOTAL FLUID PUMPED: ____ gal. ____ % ____ Acid
____ gal. ____ fluid

TOTAL SAND VOL.: 18100 lbs. 16/30 sand
____ lbs. / sand
____ lbs. / sand
____ lbs. / bauxite

Flushed well with ____ gal. of ____
____ ball sealers were pumped. Was ball action seen? ____
Barrels of Load to Recover 234 BLTR.
Avg. Treating Pressure = 2700 psi, max = 3330 psi, min = 2460 psi
Avg. Treating Rate = 20.2 bpm, max = 20.5 bpm, min = 20.1 bpm.
ISIP = 2150 psi, 5 min. = 1580 psi, 10 min. = 1400 psi, 15 min. = 1340 psi.
Well will be shut in for 17 hrs. before bringing back fluid.

REMARKS: TAG FRAC W/IR-192 ISOTOPE.

Well site Supervisor: Dale Hyatt

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
PO Box 21017
Billings, MT 59104-1017

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MAR 28 1994
DIV. OF OIL, GAS & MINING

TREATMENT REPORT

Date of Treatment: 3-7-94

Well Name Monument Fed. 33-8 SEC. 8 TWN. 9S RNG. 17E
Field Monument Butte County Duchesne State Utah

Formation/Perforations: Green River / 4656-62

Treatment type: HCL BREAK DOWN Total Number of Holes: 24
Treatment Company: Western

Volume	Fluid	Conc.	Sand Characteristics Size	Volume
_____ Gal.				
_____ Gal.				
_____ Gal.				
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#
_____ Gal.			/	#

TOTAL FLUID PUMPED: 500 gal. 15 % HCL Acid
_____ gal. _____ fluid

TOTAL SAND VOL.: _____ lbs. _____ / _____ sand
_____ lbs. _____ / _____ sand
_____ lbs. _____ / _____ sand
_____ lbs. _____ / _____ bauxite

Flushed well with _____ gal. of _____
48 ball sealers were pumped. Was ball action seen? YES YES YES YES
Barrels of Load to Recover 81 BLTR.
Avg. Treating Pressure = 3300 psi, max = 5000 psi, min = 1600 psi.
Avg. Treating Rate = 3.2 bpm, max = 3.9 bpm, min = 3.2 bpm.
ISIP = 1600 psi, 5 min. = _____ psi, 10 min. = _____ psi, 15 min. = _____ psi.
Well will be shut in for _____ hrs. before bringing back fluid.

REMARKS: SPOT ACID AT EOT. 4 BALL PER BBL.
INITIAL BREAK AT 3300 PSI AT 3.2 BPM, BACK TO 1600 PSI AT 3.9 BPM.
SURGE BALL OFF, PUMP FOR RATE, 20.0 BPM AT 3410 PSI.

Well site Supervisor: Dale Griffin

MAR- 7-94 MON 11:12

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017

RECEIVED
MAR 28 [illegible]
DIV. OF OIL, GAS & MINING

TREATMENT REPORT

Date of Treatment: 3-9-94

Well Name Monument Fed. 33-8 SEC. 8 TWN. 9S RNG 17E
Field Monument Butte County Duchesne State Utah

Formation/Perforations: Green River / 4138-44

Treatment type: HCL BREAK DOWN STG. 1 Total Number of Holes: 24
Treatment Company: WESTERN

Volume	Fluid	Conc.	Sand Characteristics Size	Volume
_____ Gal.				
_____ Gal.				
_____ Gal.				
_____ Gal.		/		#
_____ Gal.		/		#
_____ Gal.		/		#
_____ Gal.		/		#
_____ Gal.		/		#
_____ Gal.		/		#
_____ Gal.		/		#
_____ Gal.		/		#

TOTAL FLUID PUMPED: 500 gal. 15% HCL Acid
_____ gal. _____ fluid

TOTAL SAND VOL.: _____ lbs. _____ / _____ sand
_____ lbs. _____ / _____ sand
_____ lbs. _____ / _____ sand
_____ lbs. _____ / _____ bauxite

Flushed well with _____ gal. of _____
48 ball sealers were pumped. Was ball action seen? HIT HER
Barrels of Load to Recover 47 BLTR. NO BALL OFF
Avg. Treating Pressure = 1500 psi, max = 2600 psi, min = 1230 psi.
Avg. Treating Rate = 3.0 bpm, max = 8.9 bpm, min = 2.3 bpm.
ISIP = 850 psi, 5 min. = _____ psi, 10 min. = _____ psi, 15 min. = _____ psi.
Well will be shut in for 0 hrs. before bringing back fluid.

REMARKS: SPOT ACID AT EOT, SET PKR, RUN 4 BALLS PER BBL. INITIAL BREAK AT 2830 PSI AT 2.2 BPM, BACK TO 2350 PSI AT 4.0 BPM SURGE BALLS OFF, PUMP FOR RATE 8.0 BPM AT 2600 PSI

Well site Supervisior: Dale Griffin

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017

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TREATMENT REPORT

Date of Treatment: 3-9-94

Well Name Monument Fed. 33-8 SEC. 8 TWN. 9S RNG. 17E
Field Monument Butte County Duchesne State Utah

Formation/Perforations: Green River / 4104-16

Treatment type: HCL BREAK DOWN STG. 2 Total Number of Holes: 48
Treatment Company: WESTERN

Volume	Fluid	Conc.	Sand Characteristics Size	Volume
____ Gal.				
____ Gal.				
____ Gal.				
____ Gal.		/		#
____ Gal.		/		#
____ Gal.		/		#
____ Gal.		/		#
____ Gal.		/		#
____ Gal.		/		#
____ Gal.		/		#
____ Gal.		/		#

TOTAL FLUID PUMPED: 500 gal. 15 % HCL Acid
____ gal. ____ fluid

TOTAL SAND VOL.: ____ lbs. ____ / ____ sand
____ lbs. ____ / ____ sand
____ lbs. ____ / ____ sand
____ lbs. ____ / ____ bauxite

Flushed well with ____ gal. of ____
96 ball sealers were pumped. Was ball action seen? BALL OFF
Barrels of Load to Recover 63 BLTR.
Avg. Treating Pressure = 2600 psi, max = 4950 psi, min = 1280 psi.
Avg. Treating Rate = 9.0 bpm, max = 4.0 bpm, min = 4.0 bpm.
ISIP = 430 psi, 5 min. = ____ psi, 10 min. = ____ psi, 15 min. = ____ psi.
Well will be shut in for ____ hrs. before bringing back fluid.

REMARKS: SPOT ACID AT EOT. SET PKR. RUN 4 BALL PER BBL. INITIAL BREAK AT 1280 PSI AT 4.2 BPM. BACK TO 1280 PSI AT 4.2 BPM. SURGE BALLS OFF, PUMP FOR RATE 9.1 BPM AT 2150 PSI

Well site Supervisor: Dale Griffin

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017

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MAR 28 1994
DIV. OF OIL, GAS & MINING

TREATMENT REPORT

Date of Treatment: 3-9-94

Well Name Monument Fed. 33-8 SEC. 8 TWN. 9S RNG 17E
Field Monument Butte County Duchesne State Utah
Formation/Perforations: Green River / 4104-16, 4138-44

Treatment type: SAND FRAC. Total Number of Holes: 72
Treatment Company: WESTERN

Volume	Fluid	Conc.	~~PSI~~ BP	~~BDP~~ PSI	Sand Characteristics Size	Volume
____ Gal.						
____ Gal.						
6800 Gal.	2% KCL WATER PAD		25.1	2958 2530		
500 Gal.	"	2 #	24.7	2640	16/30	1000 #
1500 Gal.	"	3 #	24.7	2540	16/30	4500 #
1800 Gal.	"	4 #	24.7	2490	16/30	7200 #
2000 Gal.	"	5 #	24.7	2530	16/30	10000 #
2000 Gal.	"	6 #	24.7	2540	16/30	12000 #
2500 Gal.	"	7 #	24.7	2610	16/30	17500 #
2730 Gal.	" FLUSH	0	25.0	~~2800~~ 2030	/	#
____ Gal.			17.0		/	#

TOTAL FLUID PUMPED: ____ gal. ____ % ____ Acid
____ gal. ____ fluid

TOTAL SAND VOL.: 5220 lbs. 16/30 sand
____ lbs. / sand
____ lbs. / sand
____ lbs. / bauxite

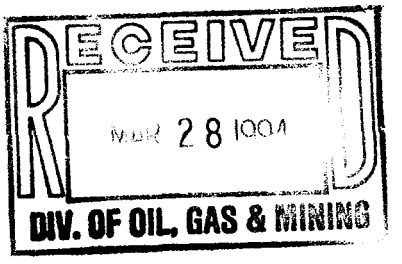
Flushed well with ____ gal. of ____
____ ball sealers were pumped. Was ball action seen? ____
Barrels of Load to Recover 462 BLTR.
Avg. Treating Pressure = 2500 psi, max = 2950 psi, min = 2050 psi.
Avg. Treating Rate = 24.7 bpm, max = 25.1 bpm, min = 17.0 bpm.
ISIP = 1750 psi, 5 min. = 1400 psi, 10 min. = 1350 psi, 15 min. = 1320 psi.
Well will be shut in for 16 hrs. before bringing back fluid.

REMARKS: ____

Well site Supervisor: Dale Griffin

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #33-8
Location: NW SE Section 8, T9S, R17E
Duchesne County, Utah **--TIGHT HOLE--**
1980' FSL, 1980' FEL
PTD: 6,000' Formation: Green River
Monument Butte Field
Elevations: 5,318.6' GL
Contractor: Union Drilling #17
Operator: Balcron/EREC
Spud: 2-14-94 @ 12 noon
Casing: 8-5/8" 24# J-55 @ 262' KB
5-1/2" 15.5# K-55 @ 5681.25'
Tubing:



2-14-94 Well spud @ 12 noon by Leon Ross Drilling.

2-9-94 Present Operation: Start location.

2-10-94 Present Operation: Work on location.

2-11-94 Present Operation: Finish location.

2-14-94 Present Operation: **Move Leon Ross Drilling on and spud @ 12:00 Noon.** Drill to 260'.

2-15-94 Present Operation: Surface pipe and cement.
Run 6 joints 8-5/8" casing and cement by Western Company with 150 sxs Class "G" cement and 2% CCL, 1/4# per sx Celeflake. 5 BBLS good cement back to pit. Plug down @ 1:30PM. Four BLM people witnessed the running of casing and cement.

Guide shoe	.60'
1 jt. - 8 5/8" 24# shoe joint	42.22'
Baffle plate	----
5 jts. - 8 5/8", 24#, J-55	211.21'
	254.03'

Set @ G.L. 252'
Union Drilling KB @ 262'

2-16-94 Present Operation: Install pit liner.

2-19-94 TD: 670' (408') Day 1
MW 8.3 Vis 26
Formation: Uintah
Present Operation: Drilling
Move & rig up. Nipple up BOP. Test BOP and manifold to 2000#. Had to run packer to test casing to 1500# - O.K. Drill cement, drill, survey, change air head rubber. Drill.
DC: $10,803 CC: $26,778

BALCRON OIL
DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #33-8
Location: NW SE Section 8, T9S, R17E
Duchesne County, Utah **--TIGHT HOLE--**

2-20-94 TD: 2,035′ (1,365′) Day 2
MW 8.3 Vis 26
Formation: Green River
Present Operation: Drilling
Drill, survey, clean on rig.
DC: $18,025 CC: $44,803

2-21-94 TD: 3,125′ (1,090′) Day 3
MW 8.4 Vis 26
Formation: Green River
Present Operation: Drilling
Drill, survey, clean on rig.
DC: $14,767 CC: $59,570

2-22-94 TD: 3,853′ (728′) Day 4
MW 8.4 Vis 26
Formation: Green River
Present Operation: Wash to bottom
Drill, survey, load hole with fluid & circulate. Trip out for bit; trip in hole; wash to bottom 30′.
DC: $15,742 CC: $75,312

2-23-94 TD: 4,493′ (640′) Day 5
Formation: Yellow Zone
MW 8.4 VIS 26 pH 9.5
Present Operation: Drilling
Drill, survey, & clean on rig.
DC: $9,385 CC: $84,697

2-24-94 TD: 4,710′ (217′) Day 6
Formation: Red Zone
MW 8.4 VIS 26 pH 9.5
Present Operation: Drilling
Drill, circ, TOH for core bbl. PU core bbl & survey tools. TIH, cut 30′ of core, TOH & LD core. TIH & drill ahead. Recover 28-1/2′ of core.
DC: $7,502 CC: $92,199

2-25-94 TD: 5,252′ (542′) Day 7
Formation: Green Zone
MW 8.4 VIS 26 pH 9.4
Present Operation: Drilling
Drill, survey, & clean on rig.
DC: $8,023 CC: $100,222

BALCRON OIL
DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #33-8
Location: NW SE Section 8, T9S, R17E
Duchesne County, Utah **--TIGHT HOLE--**

2-26-94 TD: 5,500' (248') Day 8
Formation: Green River
MW 8.4 Vis 26 pH 9.5
Present Operation: Drilling
Drill, circulate, trip out, pick up core barrel and trip in hole. Cut 30' core and trip out. Lay down core and core barrel, trip in and drill.
DC: $26,484 CC: $126,706

2-27-94 TD: 5,700' (200') Day 9
Formation: Green River
MW (could not read) Vis 26 pH 9.5
Present Operation: Logging
Drill, clean on rig, weld on rig, circulate, trip out for logs. Log well.
DC: $6,570 CC: $133,276

2-28-93 TD: 5,700' (0') Day 10
Formation: Green River
Present Operation: Running 5-1/2" Casing
Log well. Trip in hole, lay down drill pipe and drill collars. Test BOP. Run 5-1/2" casing.
DC: $23,790 CC: $167,066

3-1-94 TD: 5,700' (0') Day 11
Present Operation: RDMO.
Run 5-1/2" csg & cmt as follows:

Guide Shoe	.80'	
1 jt 5-1/2" 15.5# shoe jt	45.61'	
Float Collar	1.10'	
128 jts 5-1/2" 15.5# K-55	5624.74'	
	5672.25'	
Landing Jt	9.00'	
Csg set at	5681.25'	
PBTD	5633.74'	20 centralizers

Cmt by Western w/132 sxs Thrifty-Lite & tail w/257 sxs 50-50 POZ. Plug down @ 9 a.m., release rig @ 1:00 p.m. 2-28-94.
Set slips, ND BOP, clean mud tanks. RU on Balcron Monument Federal #43-7.
DC: $54,770

BALCRON OIL
DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #33-8
Location: NW SE Section 8, T9S, R17E
Duchesne County, Utah **--TIGHT HOLE--**

3-2-94 Completion
Level location. Set rig anchors. Set tanks & rig pump. MIRU Cannon Well Service Rig #2. Spot tbg trailer at well. NU BOP. SDFN.
DC: $18,696 CC: $240,532

3-3-94 Completion
TIH w/csg scraper & bit, tag PBTD @ 5640' KB. Circ hole clean w/125 bbls 2% KCL wtr. TOOH w/scraper & bit. RU Schlumberger to bond log & perf 5444'-63' (4 SPF). RD Schlumberger, cmt top 2390' KB. TIH w/RBP, retrieving tool, one 2-7/8" x 4' sub, 1 seat nipple, 173 jts 2-7/8" tbg. Set BP @ 5477' KB, pull 3 jts. EDT @ 5379' KB. SWIFN.
DC: $7,220 CC: $247,752

3-4-94 Completion
RU Western to do HCL breakdown 5444'-63', 76 holes **refer to treatment report.** RU Western to frac 5444'-63' **refer to treatment report.** Start frac. SWIFD.
DC: $25,438 CC: $273,190

3-4-94 Completion
CP - 740 psi. TIH w/retrieving tool, 2-7/8" x 4' sub, 5-1/2" HD packer, SN & 171 jts 2-7/8" tbg. Tag sand @ 5416' KB, circ down to 5477'KB, set packer @ 5379' KB. Made 21 swab runs, recovered 126 BW, trace oil. Release packer, tag sand @ 5468' KB. Circ down to BP, release BP, try to reset BP @ 4699' KB, would not hold. TOOH w/tbg & tools. SWIFN.
DC: $1,850 CC: $275,040

3-5-95 Completion
TIH w/RBP, retrieving tool, 2-7/8" x 4' sub, SN & 148 jts 2-7/8" tbg, set BP @ 4687' KB. TOOH w/tbg & retrieving tool. SWIFN.
DC: $659 CC: $275,699

3-7-94 Completion
RU Schlumberger to perf 4656'-62' (4 SPF). RD Schlumberger. TIH w/144 jts 2-7/8" tbg & one 2-7/8" x 10' blast jt. EOT @ 4564' KB. RU Western to do HCL breakdown **refer to treatment report.** Could not surge balls off perfs, run EOT down past perfs, reset EOT @ 4654' KB. Pump acid into perfs, reset EOT @ 4564' KB. Frac well **refer to treatment report.** SWIFN.
DC: $25,158 CC: $300,857

BALCRON OIL
DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #33-8
Location: NW SE Section 8, T9S, R17E
Duchesne County, Utah **--TIGHT HOLE--**

3-8-94 Completion
CP & TP - vac. Tag sand @ 4607' KB, circ down to 4692'KB. TOOH w/2-7/8" tbg. TIH w/retrieving tool, 2-7/8" x 4' sub, HD packer, SN, & 146 jts 2-7/8" tbg. Set packer @ 4637'KB. Made 21 swab runs, recovered 126 bbls of fluid (2 oil, 124 BW, good gas). Last 4 runs fluid level stable @ 3100', no sand on last 3 runs. Release packer, tag sand @ 4665' KB, circ down to BP @ 4692' KB (BP). Release BP, reset BP @ 4168' KB. TOOH w/131 jts 2-7/8" tbg, SN, HD packer, 2-7/8" x 4' sub & retrieving tool. SWIFN. Load to recover 638 BW.
DC: $1,665 CC: $302,522

3-9-94 Completion
CP - 0 psi. BP set @ 4168'KB. RU Schlumberger to perf 4104'-16' & 4138'-44'. RD Schlumberger. RIH w/retrieving head, one 2-7/8" x 4' sub, HD packer, SN, & 130 jts 2-7/8" tbg. Set packer @ 4125'KB. EOT @ 4133'KB. RU Western to do HCL break down on perfs 4104'-16'KB **refer to treatment report.** Had communication between 4638'-44' & 4104'-16'. Reset BP @ 4133'KB & set packer @ 4070'KB. RU Western to do HCL break down on 4138'-44'KB **refer to treatment report.** TOOH w/2-7/8" tbg, SN, HD packer, 2-7/8" x 4' sub & retrieving head. TIH w/126 jts 2-7/8" tbg, one 2-7/8" x 10' blast jt, EOT @ 4001'KB. RU Western to sand frac 4104'-16' & 4138'-44'. Tag frac w/single isotope trace **refer to treatment report.** SWIFN. Load to recover 1210 BW.
DC: $6,827 CC: $309,349

3-10-94 Completion
CP - 0, TP - 0. Tag sand @ 4063'KB, circ down to 4168'KB (BP), TOOH w/2-7/8" tbg. TIH w/retrieving tool, 2-7/8" x 4' sub, 5-1/2" HD packer, SN, & 128 jts 2-7/8" tbg, set packer @ 4070'KB, EOT @ 4075'KB. Made 30 swab runs, recovered 180 bbls of fluid - 3 oil, 177 wtr, good gas. Fluid stable last 5 runs. SWIFN. Load to recover 1033 BW.
DC: $1,825 CC: $311,174

3-11-94 Completion
CP - 0, TP - 5 psi. Made 15 swb runs, recovered 90 bbls of fluid; 2 oil & 88 wtr, good gas, no sand last 5 runs. Fluid level stable @ 2900' last 5 runs. Release packer, tag sand @ 4118' KB. Circ down to 4167'KB. Release BP & TOOH w/tbg & tools. SWIFN. Load to recover 941 BW.
DC: $1,300 CC: $312,474

BALCRON OIL
DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #33-8
Location: NW SE Section 8, T9S, R17E
Duchesne County, Utah **--TIGHT HOLE--**

3-14-94 Completion
RU Schlumberger to run dipole sonic imager, lower mode log & GR single trace log. RD Schlumberger. ND BOP. TIH w/tbg production string:

	Length	Depth KB
1 jt 2-7/8" EUE J-55 8RD 6.5#	30.52'	5506.83'
1 Perf Sub 2-7/8" x 3'	3.20'	5476.31'
1 Seat Nipple	1.10'	5473.11'
45 jts 2-7/8" EUE J-55 8RD 6.5#	1410.45'	5472.01'
1 Tbg Anchor 2-1/2" x 5-1/2" (Trico)		4061.56'
128 jts 2-7/8" EUE J-55 8RD 6.5#	4049.21'	4059.21'
KB	10.00'	

NU well head. SWIFN.
DC: $6,545 CC: $319,019

3-15-94 Completion
TIH w/rod production string:
1 BHP, 2-1/2" x 1-1/2" x 16' RWAC w/PA plunger, Pump #1041 (Trico)
218 3/4" x 25' D-61 (Trico)
One 3/4" x 4' pony
One 1-1/4" x 22' polish rod SM (Trico)
Clamp rods off. Pressure test well to 1000# - OK. RDMO.
DC: $8,627 CC: $327,646

3-21-94 Completion
Start well pumping @ 11:30 a.m. 4.5 SPM, 87" stroke. Lufkin model LM-228D-86T S/N B129532A - 525673. Engine: Ajax CMA 8-1/2"x10", S/N 62760. Tanks: 12'x20' 400bbl S/N 03850-23118. Contract pumper Jody Mecham.
DC: $33,969 CC: $361,615

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-7978
6. If Indian, Allottee or Tribe Name: n/a
7. If Unit or CA, Agreement Designation: n/a

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division
3. Address and Telephone No.: P.O. Box 21017, Billings, MT 59104 (259-7860
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): NW SE Section 8, T9S, R17E 1980' FSL, 1980' FEL

8. Well Name and No.: Balcron Monument Federal #33-8
9. API Well No.: 43-013-31427
10. Field and Pool, or Exploratory Area: Monument Butte / Green River
11. County or Parish, State: Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Site Security Diagram	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Diagram for this well.

22

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Regulatory & Environmental Specialist Date 4-20-94

(This space for Federal or State office use)

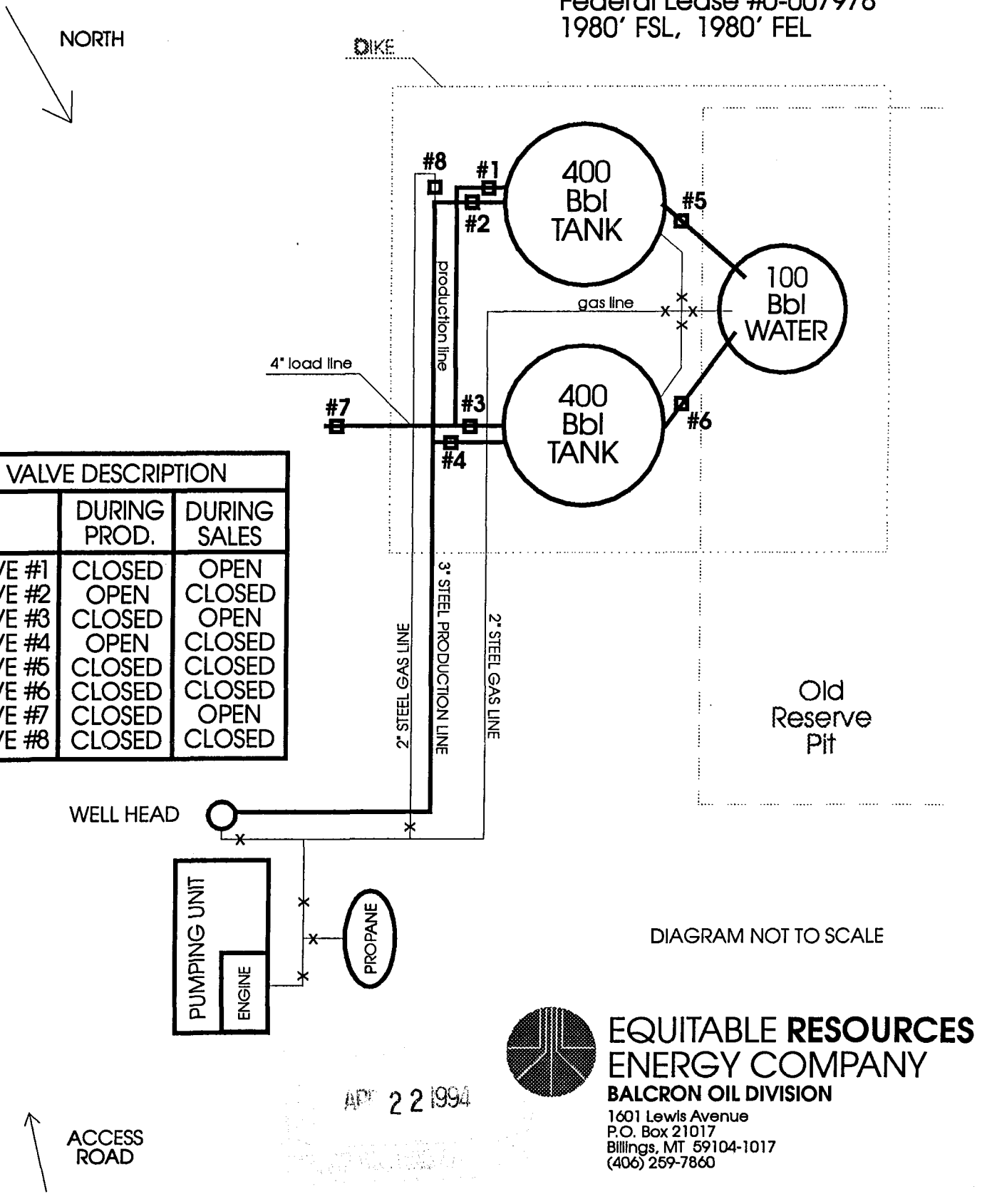
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Equitable Resources Energy Company
Balcron Monument Federal 33-8
Production Facility Diagram

Balcron Monument Federal 33-8
NW SE Sec. 8, T9S, R17E
Duchesne County, Utah
Federal Lease #U-007978
1980' FSL, 1980' FEL



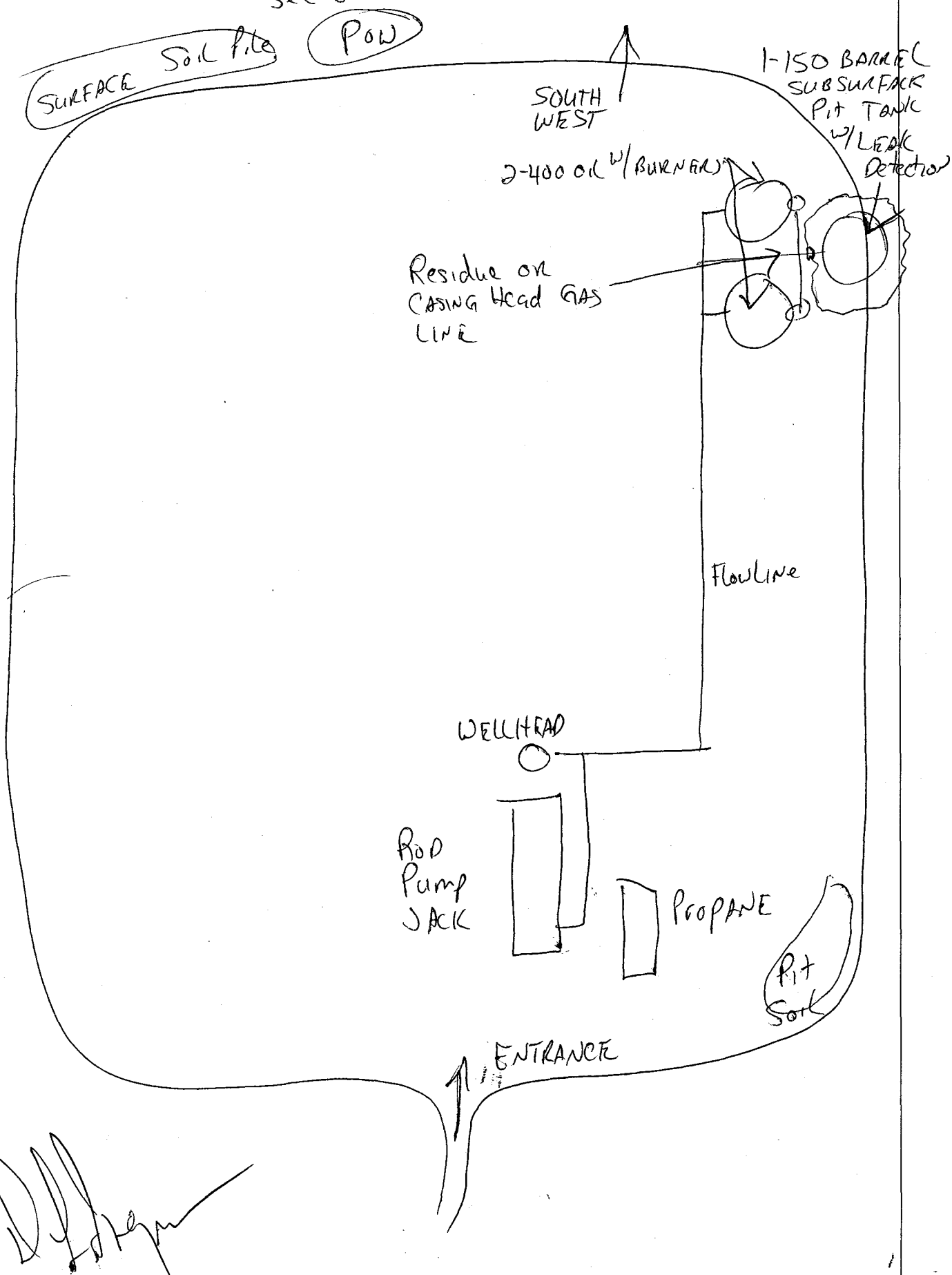
VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN
VALVE #8	CLOSED	CLOSED

DIAGRAM NOT TO SCALE

APR 22 1994

EQUITABLE **RESOURCES**
ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

EQUITABLE RESOURCES Co U-007978
MONUMENT ~~BUTTE~~ FED #33-8 43-013-31407
SEC 8 T9S R17E



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

1. Well name and number: Balcron Monument Federal #33-8
   API number: 43-013-31427

2. Well location: QQ NW SE section 8 township 9S range 17E county Duchesne

3. Well operator: Equitable Resources Energy Company, Balcron Oil Division
   Address: P.O. Box 21017, Billings, MT 59104 phone: (406) 259-7860

4. Drilling contractor: Union Drilling
   Address: Drawer 40, Buckhannon, WV 26201 phone: (304) 472-4610

5. Water encountered (continue on reverse side if necessary)

Depth from	Depth to	Volume (flow rate or head)	Quality (fresh or salty)
		No measurable water encountered	
		during drilling operations.	

6. Formation tops: Geologic Report submitted separately.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman Signature Bobbie Schuman
Title Regulatory & Environmental Specialist Date 4-20-94

Comments:

APR 22 1994

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-7978

6. If Indian, Allottee or Tribe Name: n/a

7. If Unit or CA, Agreement Designation: n/a

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Balcron Monument Federal #33-8

2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.: 43-013-31427

3. Address and Telephone No.: P.O. Box 21017, Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Exploratory Area: Monument Butte/Green River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW SE Section 8; T9S, R17E
1980' FSL, 1980' FEL

11. County or Parish, State: Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Onshore Order #7	[ ] Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 4-26-94
By:

APR 22 1994

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 4-20-94

(This space for Federal or State office use)
Approved by Federal Approval of this Action is Necessary Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: U-7978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

7. UNIT AGREEMENT NAME: n/a

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other CONFIDENTIAL

8. FARM OR LEASE NAME: Bal[illegible]ment Federal

2. NAME OF OPERATOR: Equitable Resources Energy Company, Balcron Oil Division

9. WELL NO.: 33-8

3. ADDRESS OF OPERATOR: P.O. Box 21017, Billings, MT 59104

10. FIELD AND POOL, OR WILDCAT: Monument Butte/Green River

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1980' FSL, 1980' FEL
At top prod. interval reported below
At total depth

RECEIVED
APR 22 1994
DIV. OF OIL, GAS & MINING

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NW SE Section 8, T9S, R17E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-31427	12-20-93	Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2-14-94	2-27-94	3-21-94	5318.6' GL	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5700'	5633.74' KB	n/a	→	Sfc - TD	n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5463'-4104' Green River

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIPLT, ALT, NSC mud log, CBL/GR/CCL sonic 3-94

27. WAS WELL CORED: Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	262'KB	12-1/4"	150 sxs "G" + additives	n/a
5-1/2"	15.5#	5681.25'KB	7-7/8"	132 sxs Thirfty-Lite and 257 sxs 50-50 POZ.	n/a

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
n/a				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5506.83'KB	n/a

31. PERFORATION RECORD (Interval, size and number)
5444'-63' (4 SPF)
4656'-62' (4 SPF)
4104'-16' (4 SPF)
4138'-44' (4 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4104'-4144':	52,200# 16/30 sand in 19,830 gallons 2% KCL wtr & 500 gallons 15% HCL.
5444'-63'	24,500# 20/40 sand & 25,300# 16/30 sand in 5441 gallons 2% KCL water & 500 gallons 15% HCL.
4652'-62'	18,100# 16/30 sand in 5700 gallons 2% KCL water & 500 gallons 15% HCL.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
3-30-94	1-1/2" Insert Pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-1-94	24	n/a		65	200	0	3

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a		65	200	0	34

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Used for fuel.

TEST WITNESSED BY: Dale Griffin

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Bobbie Schuman TITLE Regulatory & Environmental Specialist DATE 4-20-94

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

7. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Core submitted separately.	Geologic Report submitted separately.		

ROUTINE CORE ANALYSIS

BALCRON OIL COMPANY

43-013-31427 Sec 8 T9S, R17E

Balcron Monument Federal 33-8 Well
Duchesne County, Utah

CONFIDENTIAL

Prepared for:

BALCRON OIL COMPANY
1601 Lewis Avenue
Billings, Montana 59104

TR95-5646
September 1994

TerraTek

TerraTek, Inc.
University Research Park
400 Wakara Way
Salt Lake City, Utah 84108 U.S.A.

ROUTINE CORE ANALYSIS

BALCRON OIL COMPANY

Balcron Monument Federal 33-8 Well
Duchesne County, Utah

Prepared for:

BALCRON OIL COMPANY
1601 Lewis Avenue
Billings, Montana 59104

Prepared by:

TerraTek, Inc.
University Research Park
420 Wakara Way
Salt Lake City, Utah 84108

TR95-5646
September 1994

1 INTRODUCTION

1.1 Well Summary

Company:	BALCRON OIL COMPANY	County:	Duchesne
Well Name:	Balcron Monument Federal 33-8	State:	Utah
Field:	Monument Butte	Location:	Sec.8, T9S, R17E
Drilling Fluid:	Water Base	Elevation:	5350' KB

1.2 Core Summary

Diamond coring equipment and water base drilling mud were used in the Balcron Monument Federal 33-8 well, located in Duchesne County, Utah, to obtain four-inch diameter conventional cores. The intervals and formation cored are listed below in Table 1-1. In addition, rotary sidewall coring equipment was used to obtain sidewall cores from the same well. Table 1-2 below lists the sidewall cores received.

Table 1-1
Core Interval Summary
Conventional Core

Core Number	Depth Interval	Formation
1	4632' - 4662'	Green River
-	4662' - 5440'	Drilled Interval
2	5440' - 5470'	Green River

Table 1-2
Core Interval Summary
Rotary Sidewall Cores

Core Number	Core Depth	Formation
1	3059.0	Green River
2	4109.0	Green River
3	4114.0	Green River
4	4141.5	Green River
5	4142.0	Green River
6	4315.0	Green River
7	4350.0	Green River
8	4401.0	Green River
9	4536.0	Green River
10	4646.0	Green River
11	4655.0	Green River
12	4659.0	Green River
13	4902.0	Green River
14	5013.0	Green River
15	5041.0	Green River
16	5077.0	Green River
17	5171.0	Green River
18	5275.0	Green River
19	5446.0	Green River
20	5455.0	Green River
21	5462.0	Green River

TerraTek
University Research Park
420 Wakara Way • Salt Lake City, Utah 84108
Telephone (801) 584-2480
FAX (801) 584-2432

A representative of TerraTek, Inc. was at well site to retrieve the conventional cores and prepare them for transport to the TerraTek laboratory in Salt Lake City, Utah for analysis. Residual core fluids were preserved by wrapping the cores with plastic film. The sidewall cores were sealed inside glass jars at well site and delivered to the TerraTek laboratory by Balcron Oil personnel.

The following routine core analysis tests were performed as requested: component core gamma log on the conventional core; and fluid saturations, porosity, grain density, and permeability on both the sidewall cores and on the conventional cores. Conventional core tests were performed on full diameter samples obtained from intervals specified by Balcron Oil personnel.

1.3 Distribution of Final Reports

Routine core analysis reports for the Balcron Monument Federal 33-8 well were distributed as follows:

Table 1-3
Distribution of Final Reports

Number of Reports	Recipient	Company Contact
4	Balcron Oil P.O. Box 21017 Billings, MT 59104	Keven Reinschmidt
1	Balcron Oil 275 County Road 120 Craig, CO 81625	Dale Griffin
2	Bureau of Land Management Vernal District Office 170 South 500 East Vernal, UT 84078	Ed Forsman

Number of Reports	Recipient	Company Contact
1	Utah Geological Survey 2363 South Foothill Boulevard Salt Lake City, Utah 84109	
2	State of Utah Division of Oil, Gas, & Mining 355 West North Temple Street 3 Triad Center, Suite 350 Salt Lake City, UT 84180	

2 PROCEDURES

Upon arrival in the laboratory, the conventional cores were laid out on a core rack, the pieces were properly fitted together, and a component core gamma log was recorded. Full diameter samples for analysis were prepared from each foot of core within the intervals designated by Balcron Oil Company geologists. The samples were cut from the core using a diamond impregnated saw blade and fresh water as blade coolant. The sidewall cores were removed from the jars and drilling mud was cleaned from each surface using a damp rag. The ends were not trimmed until after fluid saturation and porosity testing was complete.

Also, 12 samples from the conventional cores were selected for retort analysis. These samples were obtained from full diameter core sample trimmed end pieces. The retort analysis performed on these samples provided preliminary fluid saturation and porosity results. Water and oil saturations were determined on 100 grams of crushed sample material, which was poured into individual bombs and placed in a retort furnace. The furnace was heated to 375°F to measure water volumes and to 1200°F to measure oil volumes. Gas volumes were measured on 25-gram chunks by mercury injection.

Fluid saturations of the full diameter samples and the sidewall cores were determined by means of the solvent distillation extraction (Dean-Stark) technique using toluene as the extracting solvent. Oil remaining in the full diameter samples following the initial extraction phase was removed by cleaning with toluene and CO_2 in a pressurized core cleaner. Oil remaining in the sidewall cores was removed by cleaning with toluene in a reflux soxhlet. The clean core samples were dried in a convection oven at 110°C prior to performing porosity and permeability tests.

Porosity values were determined by measuring grain volumes and bulk volumes. Grain volumes were measured in helium expansion porosimeters using Boyle's law. Bulk volumes were measured by submerged weight in an appropriate liquid of known density using Archimedes' principle of buoyancy. Full diameter sample bulk volumes were measured in water and sidewall core sample bulk volumes were measured in mercury. Grain volume and dry weight values were utilized to determine grain density for each sample.

Horizontal and vertical permeability to nitrogen gas was measured in pressurized Hassler sleeve core holders. Nominal sleeve pressure of 400 psig was applied to prevent gas from leaking around the outside of the sample being tested. Steady-state downstream flow rate, monitored with a calibrated orifice-equipped pressure transducer, was kept as close as possible to 1 cm^3/sec. A form of Darcy's equation was employed to calculate apparent gas permeability values.

Additional vertical permeability tests were performed on the following five full diameter samples: #9, #10, #11, #12, and #15. Following the completion of standard testing, these samples were cut in half (from 8 inches to 4 inches) and the vertical permeability tests were repeated. They were cut in half again (from 4 inches to 2 inches) and the vertical permeability tests were performed a third time.

3 RESULTS

Results of the tests described above are presented in graphical and tabular form on the following pages. Test results are presented in three tables: Table 3-1 contains results of the retort analysis data, Table 3-2 contains results of full diameter Dean-Stark analysis, including results of the additional vertical permeability tests performed on five samples as described above, and Table 3-3 contains results of Dean-Stark analysis performed on the sidewall cores. The activities of potassium, uranium, and thorium are plotted separately, in addition to a plot of the total gamma ray activity, on the Compnonent Gamma Log, included following the data tables. A plot of the total gamma ray activity also appears on the enclosed Teklog, along with plots of grain density, horizontal and vertical permeability, porosity, and fluid saturations for the conventional cores. At the end of this report are four crossplots. The first plot shows 90-degree horizontal permeability versus porosity for the full diameter samples, the second plot shows permeability versus porosity for the sidewall cores, and the third and fourth plots are for the five samples which were tested repeatedly for vertical permeability. One shows original vertical permeability versus permeability after cutting the samples down to 4 inches in length and the other shows original vertical permeability versus permeability after cutting the samples down to two inches in length.

Table 3-1
Retort Analysis - Summation of Fluids Porosity
Test Results

Sample Number	Depth (feet)	Porosity %	Oil Saturation %	Water Saturation %
1	4643 - 44	6.7	61.4	28.4
2	4646 - 47	4.5	43.7	28.0
3	4655 - 56	16.5	53.7	4.9
4	4660 - 61	10.1	49.2	7.3
5	5440 - 41	8.4	36.9	29.8
6	5443 - 44	12.6	49.1	6.6
7	5444 - 45	11.2	53.9	10.8
8	5446 - 47	7.8	31.9	6.1
9	5447 - 48	12.6	48.9	9.5
10	5450 - 51	13.0	50.7	2.7
11	5454 - 55	12.9	46.5	6.5
12	5459 - 60	12.5	47.7	12.6

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Telephone (801) 584-2480
FAX (801) 584-2432

Table 3-2
Full Diameter Dean-Stark Analysis
Test Results

Sample Number	Depth (feet)	Permeability			Porosity %	Oil Saturation %	Water Saturation %	Grain Density (gm/cc)	Kh-max Direction CW fr/North
		Kh-max	Kh-90°	Kv					
1	4642 - 43	1.8	0.02	<0.01	5.2	37.8	42.5	2.65	164
2+	4643 - 44	87.	0.10	24.	5.3	42.5	64.3	2.67	168
3+	4644 - 45	172.	0.02	79.	6.7	28.1	56.0	2.67	167
4+	4645 - 46	99.	0.04	1186.	6.4	43.0	38.2	2.65	162
5	4648 - 49	0.47	0.07	<0.01	4.8	5.9	68.7	2.66	108
6	4650 - 51	1.6	1.1	0.10	3.7	39.6	31.9	2.66	61
7	4653 - 54	0.44	0.40	0.02	9.9	43.9	19.0	2.65	154
8	4654 - 55	3.4	2.8	0.72	12.7	48.8	9.7	2.64	97
9	4655 - 56	9.0	8.7	3.8	13.9	59.6	6.2	2.64	18
				6.8[1]					
				6.5[2]					
10	4656 - 57	8.0	7.8	3.0	14.7	49.3	13.4	2.65	18
				1.9[1]					
				1.3[2]					
11	4657 - 58	19.	19.	19.	14.9	52.1	12.7	2.66	21
				19.[1]					
				19.[2]					
12	4658 - 59	12.	11.	7.4	14.0	59.6	6.9	2.66	7
				6.8[1]					
				6.1[2]					
13	4659 - 60	7.0	7.0	2.2	12.2	45.1	12.6	2.65	132
14+	5440 - 41	352.	0.52	.96	9.0	45.8	22.4	2.65	149
15	5441 - 42	1.4	1.4	2.4	11.0	49.4	14.9	2.63	*
				1.3[1]					
				1.4[2]					
16	5442 - 43	1.4	1.3	1.0	11.3	50.5	10.6	2.64	*

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Sample Number	Depth (feet)	Permeability			Porosity %	Oil Saturation %	Water Saturation %	Grain Density (gm/cc)	Kh-max Direction CW fr/North
		Kh-max	Kh-90°	Kv					
17	5443 - 44	2.5	2.1	1.6	11.5	51.9	10.1	2.63	*
18	5444 - 45	0.68	0.59	0.49	10.2	49.1	15.5	2.64	*
19	5445 - 46	0.28	0.27	0.08	7.6	55.5	16.8	2.65	*
20	5446 - 47	0.64	0.56	0.08	8.9	49.8	21.0	2.64	*
21	5447 - 48	0.52	0.46	0.29	9.8	52.2	15.3	2.64	*
22	5448 - 49	0.18	0.16	<0.01	6.5	45.6	33.5	2.66	*
23	5451 - 52	0.53	0.53	0.46	10.4	50.6	13.3	2.65	*
24	5452 - 53	0.32	0.28	0.17	9.8	51.2	14.5	2.68	*
25	5453 - 54	0.42	0.17	<0.01	6.9	45.7	27.2	2.71	*
26	5454 - 55	0.53	0.51	0.19	10.2	49.0	16.5	2.67	*
27	5455 - 56	0.30	0.25	0.17	8.8	47.8	18.3	2.68	*
28	5456 - 57	0.16	0.12	<0.01	7.8	47.8	19.8	2.69	146
29	5457 - 58	0.20	0.20	0.11	8.4	46.8	20.1	2.66	180
30	5458 - 59	0.52	0.51	0.38	10.4	53.6	12.8	2.65	97
31	5459 - 60	0.42	0.39	0.33	10.0	52.1	14.0	2.67	195
32	5461 - 62	0.12	0.10	<0.01	4.9	44.1	30.6	2.67	75

+ - Open or partially open vertical fracture affecting permeability
* - No orientation scribe marks present
[1] - Vertical permeability value for 4-inch sample
[2] - Vertical permeability value for 2-inch sample

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Table 3-3
Plug Dean-Stark Analysis (Rotary Sidewall Cores)
Test Results

Sample Number	Depth (feet)	Permeability (md)	Porosity %	Oil Saturation %	Water Saturation %	Grain Density (gm/cc)
1	3059.0	21.	15.8	35.5	62.9	2.66
2	4109.0	16.	16.9	45.0	52.8	2.66
3	4114.0	8.9	15.1	46.5	50.6	2.66
4	4141.5	2.5	13.2	49.6	43.8	2.66
5	4142.0	0.43	10.8	42.2	27.6	2.67
6	4315.0	3.4	13.3	51.6	42.7	2.66
7	4350.0	0.03	6.6	26.9	41.9	2.67
8	4401.0	122.	24.6	30.0	63.1	2.77
9	4536.0	0.31	11.5	67.6	10.3	2.67
10	4646.0	0.02	6.1	57.4	26.5	2.68
11	4655.0	0.02	4.4	54.3	34.2	2.66
12	4659.0	569.+	15.3	36.0	57.3	2.66
13	4902.0	NA	9.6	65.0	13.9	2.69
14	5013.0	0.02	5.7	59.8	34.3	2.65
15	5041.0	0.03	6.9	61.4	26.4	2.67
16	5077.0	0.28	10.1	52.5	12.4	2.68
17	5171.0	0.25	9.5	56.1	15.7	2.67
18	5275.0	787.+	10.5	54.5	11.7	2.47
19	5446.0	0.77	6.9	46.1	31.1	2.64
20	5455.0	0.67	11.5	43.4	19.1	2.66
21	5462.0	0.17	8.3	54.0	19.6	2.68

+ - Fracture affecting permeability
NA - Not suitable for permeability testing

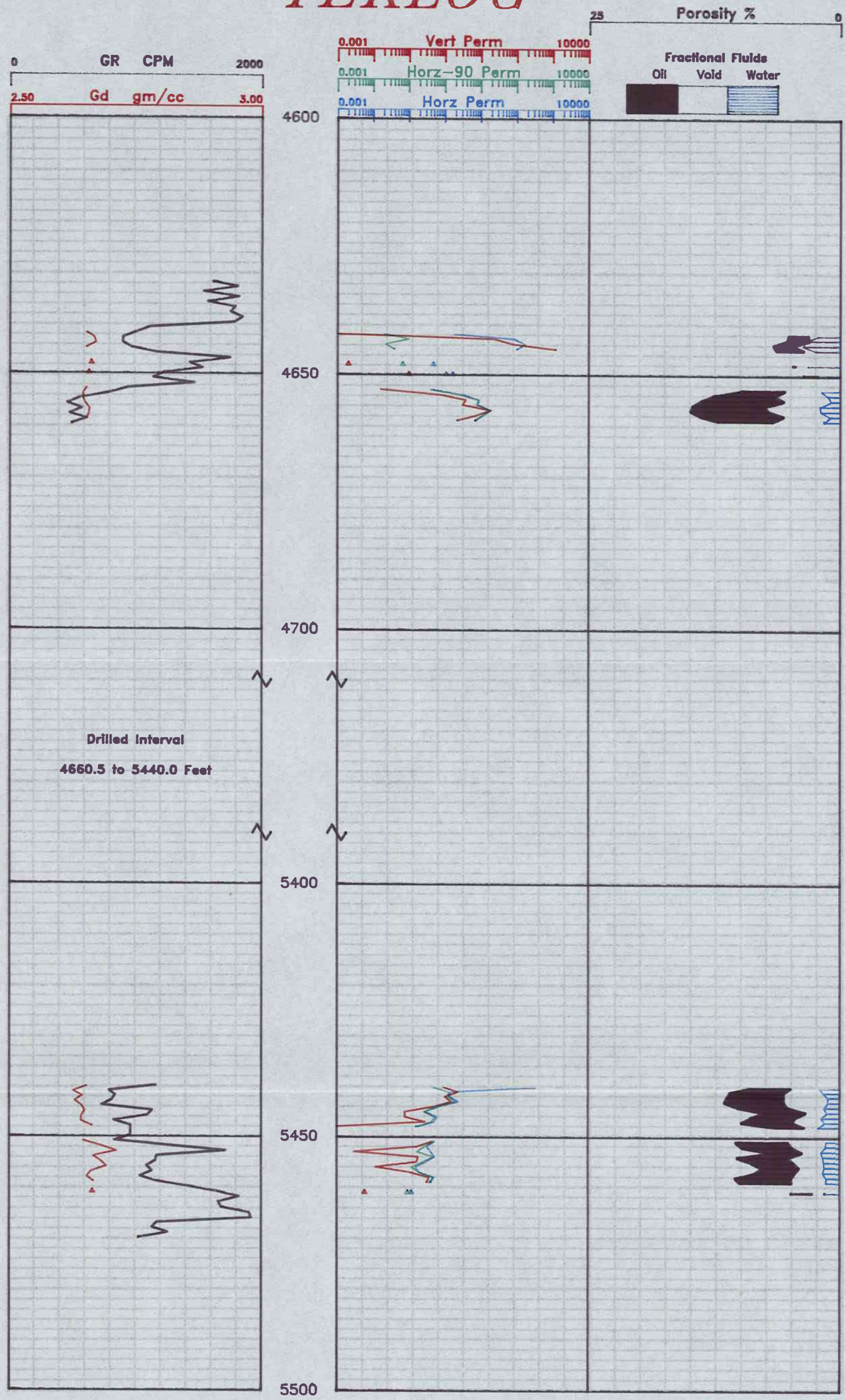
TERRA TEK GEOSCIENCE SERVICES

360 Wakara Way, SLC Utah 84108 (801) 584-2480

BALCRON OIL COMPANY
Monument Federal 33-8 Well

TEKLOG

September 30, 1994
TerraTek File# 5646



Δ — Data for samples separated by more than one foot are represented by individual points.

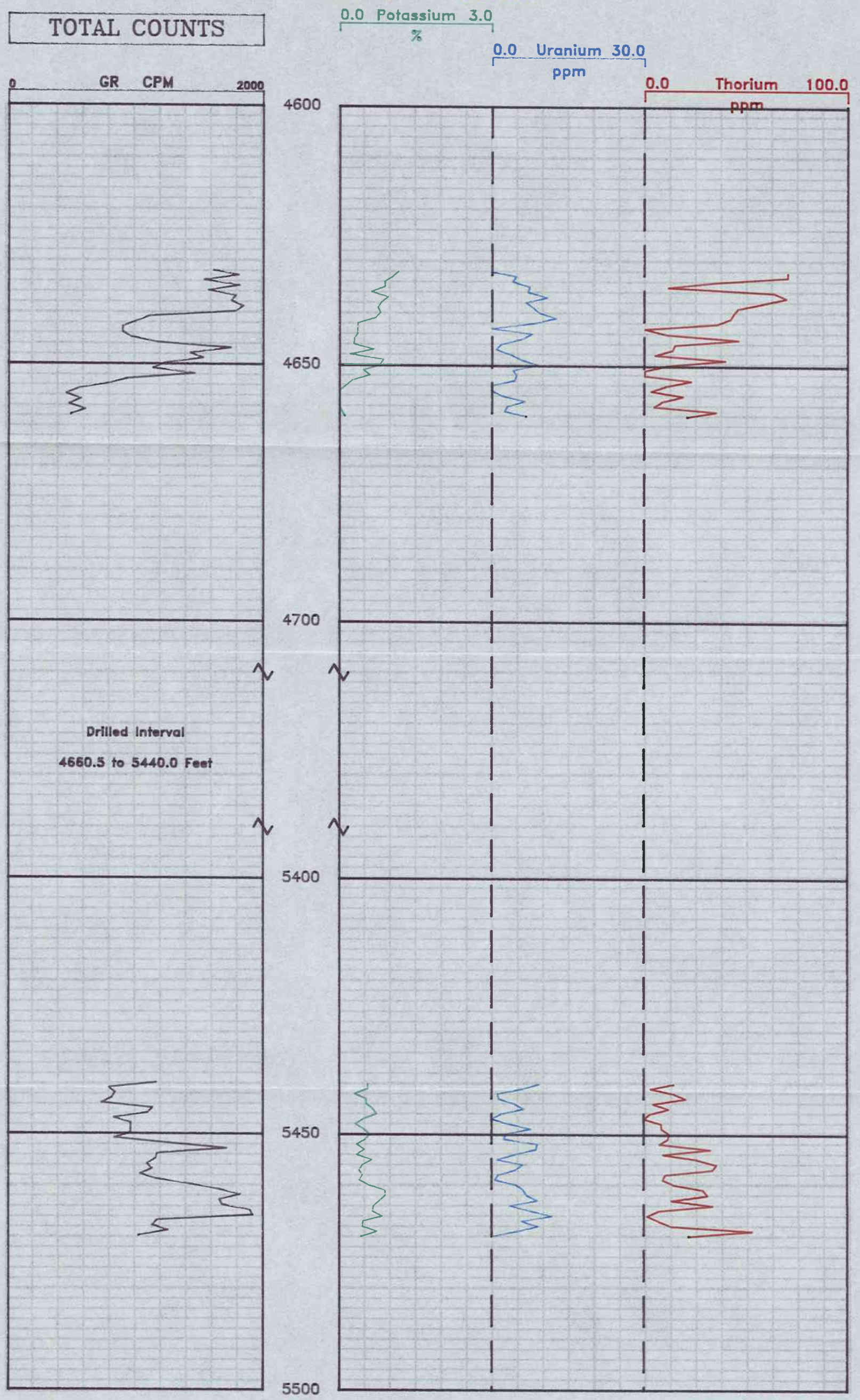
TERRA TEK GEOSCIENCE SERVICES

360 Wakara Way, SLC Utah 84108 (801) 584-2460

BALCRON OIL COMPANY
Monument Federal 33-8 Well

September 30, 1994
TerraTek File# 5646

COMPONENT GAMMA LOG



Terra Tek Geoscience Services ®

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HORIZONTAL PERMEABILITY VS POROSITY

BALCRON OIL COMPANY
Monument Federal 33-8 Well
Monument Butte Field
Duchesne County, Utah
September 30, 1994

Depth Interval: 4642 to 5461 Feet
TerraTek File# 5646

Porosity (phi), %

Min	Max	Average
3.666	14.933	9.302

Permeability (K90), md

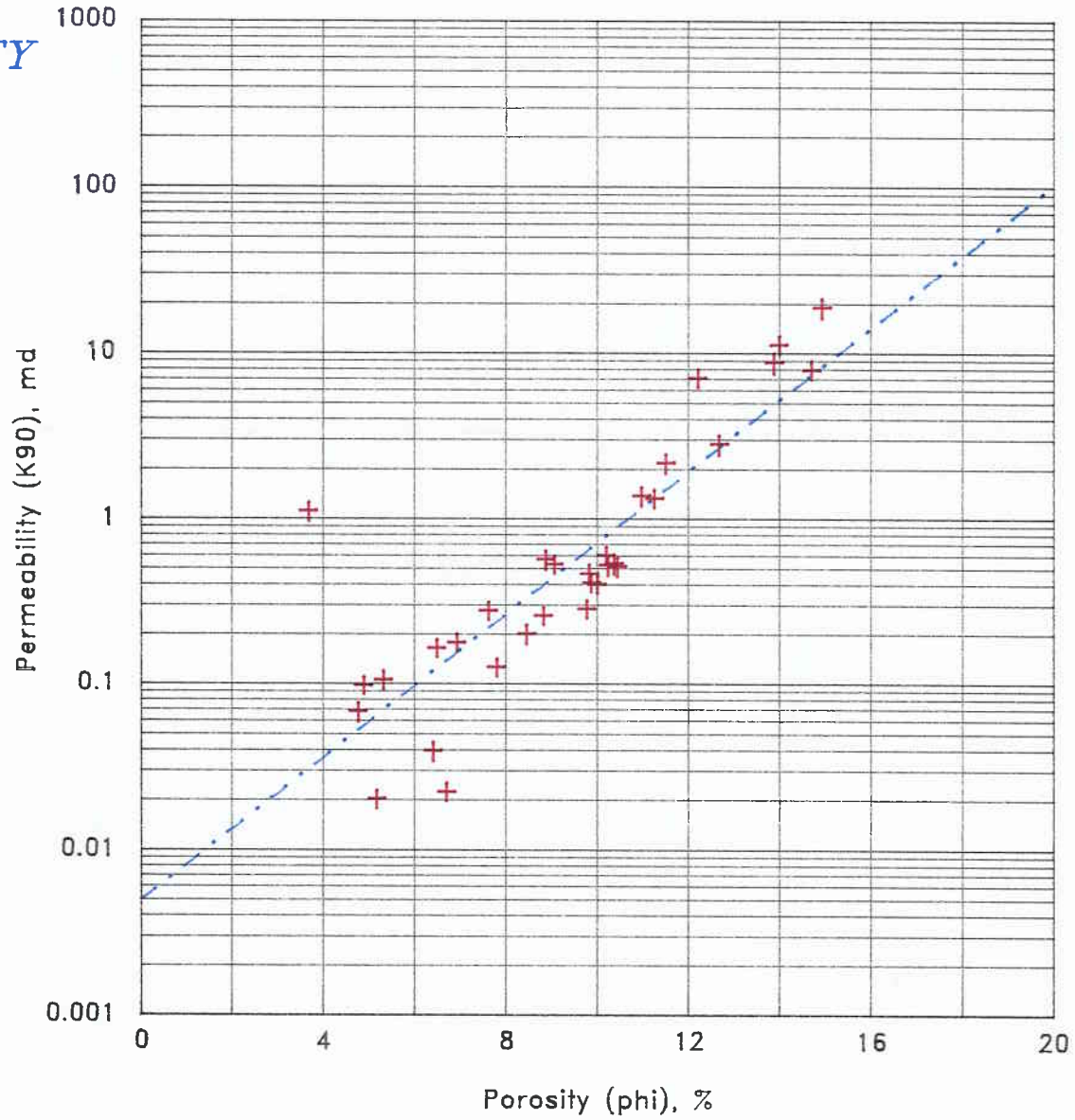
Min	Max	Geo. Ave
0.020	18.644	0.504

Equation of the Line

log K90 = α phi + β
log K90 = 0.2160 phi −2.3073
Correlation Coefficient : 0.854

Green River Formation

Conventional Cores



Terra Tek Geoscience Services ®

University Research Park -- 360 Wakara Way -- Salt Lake City, Utah 84108 -- (801) 584-2480 -- FAX 801-584-2408

HORIZONTAL PERMEABILITY VS POROSITY

BALCRON OIL COMPANY
Monument Federal 33-8 Well
Monument Butte Field
Duchesne County, Utah
September 30, 1994

Depth Interval: 3059 to 5462 Feet
TerraTek File# 5646

Porosity (phi), %

Min	Max	Average
4.386	24.593	11.282

Permeability (Kh), md

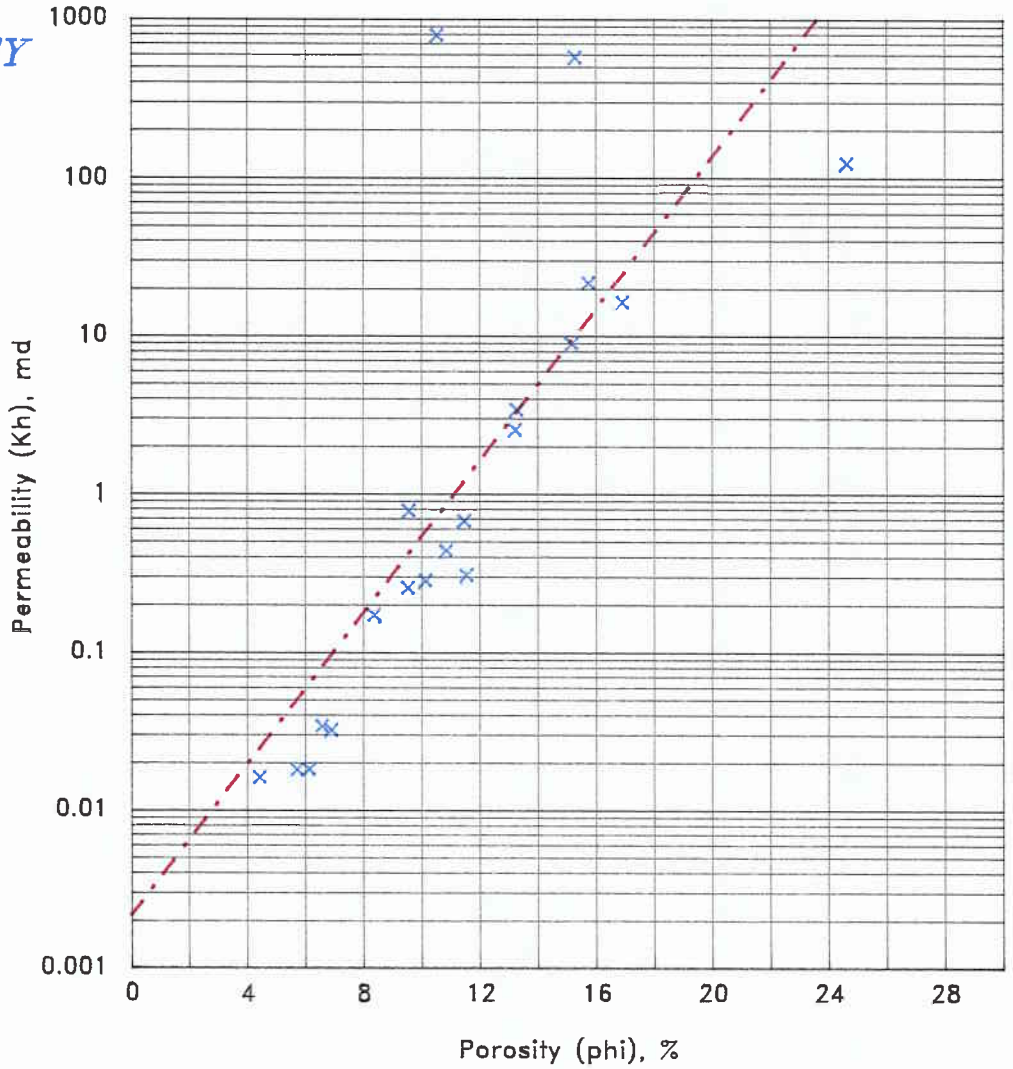
Min	Max	Geo. Ave
0.016	787.493	1.100

Equation of the Line

log Kh = α phi + β
log Kh = 0.2403 phi -2.6698
Correlation Coefficient : 0.787

Green River Formation

Rotary Sidewall Cores



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VERTICAL PERMEABILITY VS VERTICAL PERMEABILITY

BALCRON OIL COMPANY
Monument Federal 33–8 Well
Monument Butte Field
Duchesne County, Utah
September 30, 1994

TerraTek File# 5646

Permeability (Kv–8"), md

Min	Max	Geo. Ave
2.400	19.000	5.212

Permeability (Kv–4"), md

Min	Max	Geo. Ave
1.300	19.000	4.648

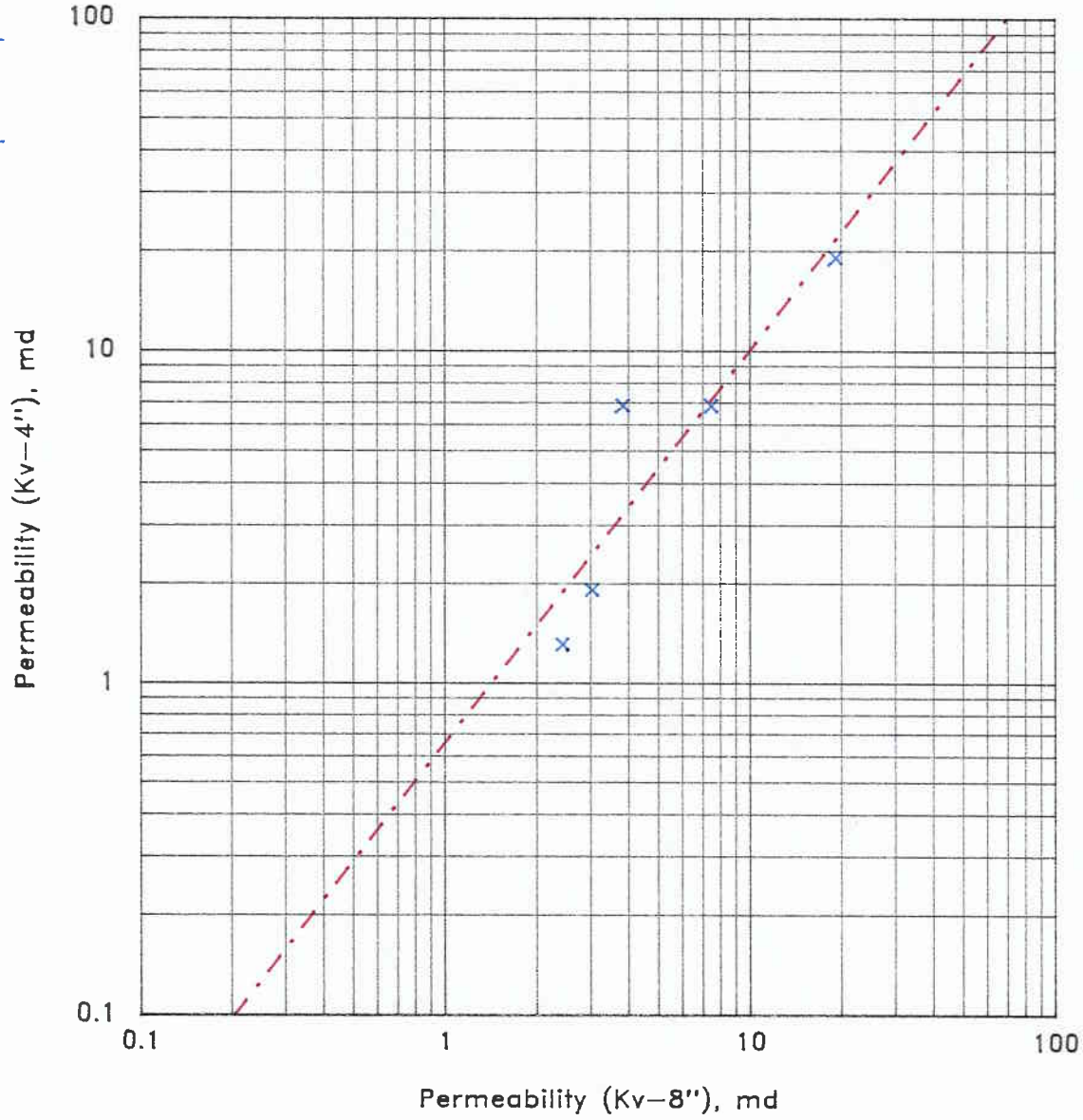
Equation of the Line

log Kv–4" = α log Kv–8" + β

log Kv–4" = 1.1835 log Kv–8" –0.1813

Correlation Coefficient : 0.914

Vertical Permeability for 8" samples
vs.
Vertical Permeability for 4" samples



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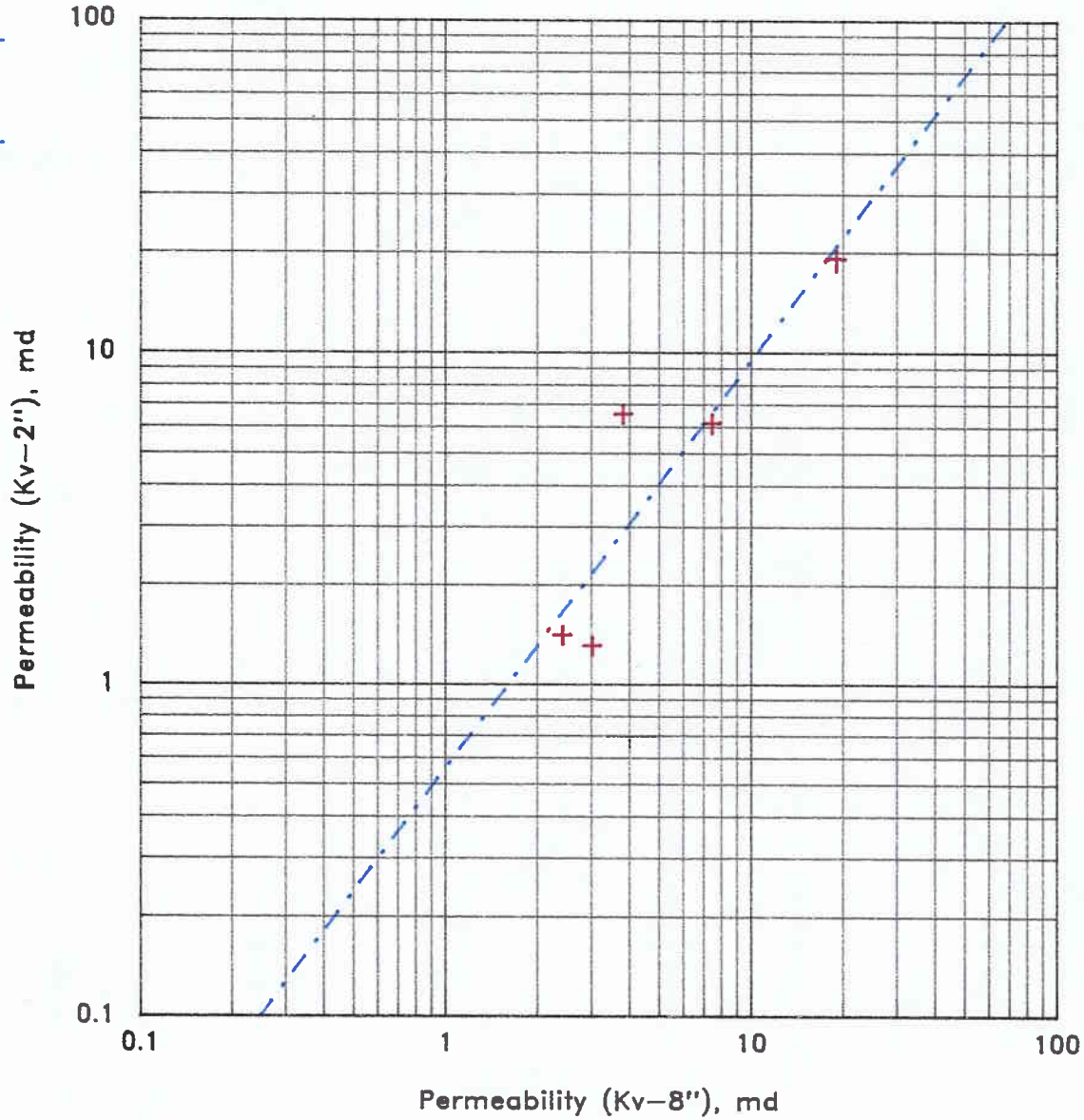
University Research Park – 360 Wakara Way – Salt Lake City, Utah 84108 – (801) 584–2480 – FAX 801–584–2408

VERTICAL PERMEABILITY VS VERTICAL PERMEABILITY

BALCRON OIL COMPANY
Monument Federal 33–8 Well
Monument Butte Field
Duchesne County, Utah
September 30, 1994

TerraTek File# 5646		
Permeability (Kv–8"), md		
Min	**Max**	**Geo. Ave**
2.400	19.000	5.212
Permeability (Kv–2"), md		
Min	**Max**	**Geo. Ave**
1.300	19.000	4.240
Equation of the Line		
log Kv–2" = α log Kv–8" + β		
log Kv–2" = 1.2293 log Kv–8" –0.2540		
Correlation Coefficient : 0.903		
Vertical Permeability for 8" samples vs. Vertical Permeability for 2" samples		



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

JAN 2 1996

OPERATOR Equitable Resources Energy Company, Balcron Oil Division
ADDRESS 1601 Lewis Avenue
Billings, MT 59102

Well name and number: Balcron Monument Federal #33-8

Field or Unit name: Beluga Unit Lease no. U-007978

Well location: QQ NW SE section 8 township 9S range 17E county Duchesne

Is this application for expansion of an existing project? . . Yes [ ] No [X]

Will the proposed well be used for: Enhanced Recovery? . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]

Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]

If this application is for an existing well,
has a casing test been performed on the well? . . . . . Yes [ ] No [X]
Date of test:
API number: 43-013-31427

Proposed injection interval: from 4104' to 5463'

Proposed maximum injection: rate 500 BPD pressure 2100 psig

Proposed injection zone contains [X] oil, [ ] gas, and/or [ ] fresh water within ½ mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Will be filed separately.

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman Signature Bobbie Schuman
Title Regulatory & Environmental Specialist Date November 14, 1995
Phone No. (406) 259-7860

(State use only)
Application approved by Title
Approval Date

Comments:

(3/89)

Underground Injection Control(UIC)
Permit Application
Supplement Attachment To Form Four

Equitable Resources Energy Company, Western Region
Beluga Unit Waterflood
Duchesne County, Utah

Table Of Contents

List of Figures

List of Exhibits

Underground Injection Control (UIC)
Permit Application
Supplement Attachment To Form Four

Company: Equitable Resources Energy Company (EREC)
Project: Beluga Unit Waterflood
Monument Butte Field
Section 7,8,16,17,& 18, T9S, R17E
Duchesne County, Utah

A) AREA OF REVIEW METHODS.

1) The area of review is a fixed radius of 1/4 mile from the proposed Unit boundary and/or proposed injection wells. This area of review was selected to ensure that any future development in this area would be covered.

B) MAPS OF WELLS/AREA & AREA OF REVIEW.

1) Figure #1 - Topographic Map showing the area of review. A 1/4 mile radius from the proposed injection wells is outlined with all wells in the prescribed area located and identified.

   Refer to Exhibit-A for a list of wells within the area of review.

2) Figure #2 - Proposed Water Injection Facilities Map.

3) Figure #3 - Proposed Produced Water Gathering Facilities Map.

4) Figure #4 - Surface and lease ownership map.
   All surface within the area of review is owned by the Bureau of Land Management except for Section 16, T9S, R17E which is owned by the State of Utah.

C) CORRECTIVE ACTION PLAN AND WELL DATA.

1) A tabulation of well data is presented for each well within the area of review, refer to Exhibit-B, well data sheets & scout cards. Note that the proposed area of review for the Beluga Unit overlaps with the approved area of review for the Jonah Unit (Operated by Equitable Resources Energy Company) and Pleasant Valley Unit (Operated by Enserch Exploration Inc.). Please refer to the approved UIC permits for details on the wells in these areas.

Jonah Unit	Area Permit Number UT2642
Pleasant Valley Unit	Area Permit Number UT2771

2) It is proposed to inject water into multiple sands of the Green River Formation using injection packer assemblies which will be landed on tubing. The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor and the backside pressure will be monitored daily. If abnormal backside pressure is detected the well will be pulled to determine the source of the leak.

D) MAPS AND CROSS SECTIONS OF USDW.

-Does not apply to Class Two injection wells.

E) NAME AND DEPTH OF USDW.

1) There are no underground sources of drinking water or water wells in

the area of review. No fresh water sources will be affected by these water injection operations. The top of the saline water bearing horizon in this area is 4800 feet to 5000 feet mean sea level which falls in the Uintah Formation. This information was provided by Gil Hunt with the Division of Oil, Gas, & Mining, State of Utah. The average MSL elevation for the area of review is 5350 feet which basically puts the top of the saline water horizon at surface to approximately 500 feet. There have been no fresh water bearing zones encountered in this area of review.

F) MAPS AND CROSS SECTIONS OF GEOLOGIC STRUCTURE OF AREA.

- Does not apply to Class Two injection wells.

G) GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES.

1) The flooding objectives of the proposed Beluga Unit waterflood are lenticular channel sandstones which are distributed throughout the Douglas Creek Member of the Green River Formation. These sands occur over 1550 feet of vertical section at an average depth range of 3750 feet to 5300 feet. They exhibit a fining upward grain size, typical of fluvial channel deposits, with an average thickness of 15 feet. Due to the multiple potential waterflood horizons in the Douglas Creek Member, Equitable Resources Energy Company is requesting approval to inject water into any or all of the occurring sands within this interval. Refer to Exhibit-C for individual sand isopach maps.

2) For specific injection intervals please refer to the perforation intervals of each proposed injection well outlined in Exhibit-D and the welldata sheets and wellbore diagrams provided in Exhibit-B.

3) Estimated Formation Tops: See Type Log for the Paiute Federal #43-8

Uintah Formation	Surface to 1450 ft.
Green River Formation	1450 ft to 5400 ft.
Douglas Creek Member	4560 ft to 5400 ft.
Douglas/Wasatch Transition	5400 ft to 5950 ft.
Wasatch Formation	5950 ft.

Note: The Douglas Creek interval is shown as a member within the Green River Formation.

4) The confining zones for the proposed injection intervals consists of mixed continental and lacustrine shales. The Douglas Creek Member is primarily interbedded sand stringers and shale which will act as isolation barriers for the waterflood. The top confining zone is the shales of the Green River Formation and the bottom confining zone is the shales of the Wasatch Formation. Refer to the Type Log for the Beluga Unit area which has been submitted with this permit.

5) The injection interval water quality is an analysis of the produced water from the Paiute Federal #11-17. This sample represents an average of the produced water from the Beluga Unit wells. The analysis shows 11,800 mg/l chloride, 9,471 mg/l sodium, and 25,085 mg/l TDS. Refer to Figure-5 for the produced water analysis report.

6) The average fracture gradient for the Douglas Creek Member sands is 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. Refer to Exhibit-E for pressure and gradient data.

7) Calculations for the submitted frac gradients are based on the initial shut in pressures obtained from the frac jobs performed on the Beluga Unit wells. Fracture treatment records show that the frac sand was

displaced with 2% KCl water. The hydrostatic gradient for the 2% KCl water was calculated at 0.43836 psig/ft. This gradient was used to calculate the hydrostatic head of the KCl water and was added to the ISIP. The fracture gradient was then calculated by dividing the sum of these pressures by the average of the perforation depth.

Frac Gradient = (ISIP + 0.43836 psig/ft(Depth))/Depth

8) Cement Bond Logs for the proposed water injection wells and a Beluga Unit Type Log have been enclosed. Cement bond logs for the newly drilled wells will be submitted to the EPA as soon as available.

9) The proposed water injection wells were drilled with a rotary rig using a conventional water based mud and/or an air mist to an average total depth of 5800 feet. Production casing was run through the productive sands of the Green River Formation and cemented to a point well above the upper most sand. The wells were then perforated, hydraulically fractured, and put on production. Refer to the welldata sheets presented in Exhibit-B for specific completion details of each well.

H) OPERATING DATA.

1) Average water injection volume of 250 STBWPD.
Maximum water injection volume of 500 STBWPD.

2) EREC is requesting a maximum injection pressure of 1856 psig based on fracture pressure gradient calculations until step rate test studies can be performed. The average fracture gradient for the Douglas Creek Member sands is calculated at 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. However, due to the difference in depth and fracture gradients between the Y-Zones and R-Zones EREC is requesting a maximum injection pressure of 1856 psig based on the fracture gradient and depth of the Y-Zones. The average fracture gradient for the Y-Zones only is calculated at 0.898974 psig/ft. Using the average depth of the shallowest Y-Zone perforations of 3982 feet, the formation parting pressure is calculated at 1856 psig for the Y-Zones. The average fracture gradient for the remaining zones (Excluding Y-Zones) is calculated at 0.866360 psig/ft. Using the average depth of the shallowest perforations for the remaining zones of 4553 feet, the formation parting pressure is calculated at 1973 psig. Thus, by using the lesser of the two calculated formation parting pressures of 1856 psig for a maximum injection pressure, it is reasonable to assume that the formation will not propagate a fracture during injection operations.

3) The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor (Cortron R-2383) supplied by Champion Technologies, Inc. The recommended chemical will be mixed with fresh water at a concentration of two percent by volume. A diesel blanket of approximately one barrel will be placed on the backside to prevent the valves from freezing. Refer to Exhibit-F for the recommendation of packer fluid.

4) The injection water for the Beluga Unit waterflood will be fresh potable water supplied by Johnson Water Association out of Myton, Utah. This water will be piped from the Johnson water facility approximately 7.5 miles to the Jonah Unit through a six inch fiberglass water supply line which is owned and operated by EREC. It is proposed to extend this line approximately two miles to the Beluga Unit waterflood facilities. The source for this water supply is the Starvation Reservoir which is owned by the Bureau of Reclamation, Central Utah Project. The water is gathered from the Strawberry and Duchesne Rivers into the reservoir just west of the city of Duchesne, Utah and sold accordingly. The analysis for this

water shows 1200 mg/l chloride and 2548 mg/l TDS with a specific gravity of 1.005. Chemicals will be added to the water to reduce oxygen and to prevent corrosion and scaling. The proposed chemicals will be supplied by Champion Technologies out of Vernal, Utah. Refer to Figure-6 and Figure-7 for the analysis of the Johnson water supply.

5) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the reservoir. When it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted.

I) FORMATION TESTING PROGRAM.

1) The porosity of the injection sands averages approximately 12% with a permeability range from 0.1 to 16 millidarcy. The porosity is determined using compensated neutron/density porosity logs and core analysis. The core analysis is from the Allen Federal #34-5, Paiute Federal #24-8, and the Paiute Federal #34-8. The Allen Federal #34-5 well is located outside the Beluga Unit waterflood boundary and the other two are within the unit. These wells represent similar conditions for depositional environment, and reservoir characteristics for the Beluga Unit. Refer to Exhibit-G for the core analysis.

2) A mechanical integrity test will be conducted on all proposed water injection wells prior to injection. The casing will be integrity tested by setting a tubing conveyed packer just above the perforations and pressuring the annulus to 1000 psig. The pressure will be held for a one hour test. The results of the mechanical integrity tests will be submitted to the EPA prior to water injection.

3) Fracture treating rates, average and maximum pressure, ISIP, and frac gradients have been tabulated for the Beluga Unit and are presented in Exhibit-E and on the welldata sheets in Exhibit-B.

4) The present reservoir pressure through out the Beluga Unit ranges from a normal pressured reservoir at 2100 psig to depleted conditions at 900 psig. Refer to Figure-8 for a recent pressure build up test performed on the Monument Federal #42-17 in the R2 zone.

5) A step rate test will be performed on at least one proposed injection well to determine the formation parting pressure and to more accurately define the maximum allowable injection pressure. It is proposed to perform individual step rate tests on the Y-Zones and R-Zones to better understand the differences in formation parting pressures and to assure that the maximum requested injection pressure does not propagate fractures in any zone during the injection operations.

J) STIMULATION PROGRAM.

- Refer to individual well data sheets for well stimulation and fracture data.

K) INJECTION PROCEDURES.

1) The injection procedure for the Beluga Unit waterflood will be as follows:
   - Water from the Johnson Water Association and/or produced water will be piped to the proposed water injection plant located at the Paiute Federal #24-8 well location.
   - The water will be filtered with 50 and 10 micron filters before entering the water storage tanks at the water injection plant.
   - Chemical will be added for oxygen, corrosion, and scaling.
   - A triplex injection pump will be used to pressurize the water to approximately 2300 psig plant pressure.
   - The pressurized water will travel through an injection manifold and

out to the well feed lines.
- Each feed line will supply one injection well.
- Each injection well will be equipped with a flowmeter, choke valve check valve, water filter, tubing and casing annulus pressure gauge.
- The water will be filtered with 5 micron filters before entering the tubing.
- The water will pass down the tubing, past the packer to the perforations.
- Tracer profiles will be run approximately every 6 months which will indicate the percentage of water exiting each set of perforations.

2) The injection facility will be equipped with pressure monitoring and safety shut-down devices to protect against high or low pressure failures. It will also have tank level, oil, temperature, and other safety shut-down devices.

L) CONSTRUCTION PROCEDURES.

1) It is proposed to drill or re-enter the following wells:

Drill the Monument Federal #23-17B	NE SW Sec.17, T9S, R17E
Re-enter the Monument Butte Fed. #1-8	NW SW Sec.8 , T9S, R17E
Re-enter the State NGC #11-16	NW NW Sec.16, T9S, R17E

2) The Monument Federal #23-17B will be drilled and completed similar to the Monument Federal #13-16B, #22-16B, #23-16B, and #33-17B wells. The well will be completed as an oil production well.

3) The Monument Butte Federal #1-8 and State NGC #11-16 will be re-entered using a workover rig and power swivel. The wells will be cleaned out to plugback TD and recompleted in additional zones. Refer to the wellbore diagrams presented in Exhibit-B and the proposed injection well diagrams presented in Exhibit-H.

M) CONSTRUCTION DETAILS.

1) Refer to Exhibit-I for the proposed well surface injection equipment.

2) Refer to Exhibit-B for welldata sheets, wellbore diagrams, and scout cards for all wells in the proposed area of review. Refer to Exhibit-H for proposed injection well diagrams. Refer to approved UIC area permits for the Jonah Unit (UT2642) and Pleasant Valley Unit (UT2771) for additional information on wells in the overlapping area of reviews.

3) A 25'x 30' water injection plant will be constructed on the location of the Paiute Federal #24-8 proposed water injection well. The water injection plant will be equipped with a produced water gathering and filtering system to reinject produced water as required. High pressure steel water injection lines will be laid and buried from the injection plant to each of the proposed water injection wells.

4) The injection wells will be equipped with 2 7/8 inch tubing and an Arrow Set-1 packer set in tension to isolate the injection zones. The packer will be set within 100 feet of the top perforation and will be tested for mechanical integrity. Refer to Exhibit-H for proposed packer setting depths of each water injection well.

5) Results of mechanical integrity tests and step rate tests will be submitted to the EPA along with well rework forms for each proposed water injection well prior to injection.

N) CHANGES IN INJECTION FLUID.

1) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the formation. When

it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted. At this time it is not feasible to make estimates as to the volume or quality of the produced water.

O) PLANS FOR WELL FAILURES.

1) All injection wells and related facilities will be monitored daily for integrity. The backside pressure will be checked daily and if abnormal backside pressure is detected the well will be investigated to determine the source of the leak. If a casing leak is found the leak will be isolated and squeezed with cement. The casing will be checked for mechanical integrity to ensure that the squeeze job repaired the leak. If a leak cannot be repaired the well will either be returned to production and pumped off or plugged and abandoned according to the procedure outlined in Section-Q.

P) MONITORING PROGRAM.

1) The waterflood will be monitored through the existing oil production wells. Each production well will be monitored for waterflood response and records of daily oil and water production will be kept. Fluid levels will be shot when possible to monitor reservoir pressure and flood advancement. Refer to Figure-1 for the location of these oil production wells.

Q) PLUGGING AND ABANDONMENT PLAN.

1) The P&A plan proposed consists of running into the well with tubing and washing the well out to TD to ensure that the perforations are clear. If the well is not dead, mud will be mixed on location to a sufficient weight for killing the well. The mud will be circulated down the tubing and into the casing until the water has been displaced and/or the well has been killed. The well will then have a balanced cement plug using approximately 260 sacks of class-G cement placed over the Douglas Creek Member of the Green River Formation (i.e. over the perforation interval) from TD to a point at least 300 feet above the uppermost perforation. The top of the first cement plug will be at a depth of approximately 3800 feet. The tubing will be pulled out of the hole and the production casing will be perforated for two feet with four shots per foot at a point 100 feet below the surface casing shoe. Circulation will be established to surface, down the casing & up the annulus via the perforations. Cement will be circulated to fill the production casing and the annulus from the perforations to the surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface and the bottom will be 100 feet below the surface casing shoe. A permanent marker will be set identifying the well name, lease, location, elevation, and plugging date.

2) Refer to Exhibit-J for plugging and abandonment plan and diagrams.

R) NECESSARY RESOURCES.

1) Refer to Exhibit-K for evidence of financial ability to plug and abandon the proposed injection wells.

S) AQUIFER EXEMPTION.

-No aquifer exemption is requested.

T) EXISTING EPA PERMITS.

1) Refer to Exhibit-L for existing EPA permits held by Equitable Resources Energy Company, Western Region.

U) DESCRIPTION OF BUSINESS.

1) Equitable Resources Energy Company is an independent oil and gas production company located in Billings, Montana. EREC employs engineers, geologists, and a field staff with the knowledge and technical experience required to maintain and operate the proposed facilities.

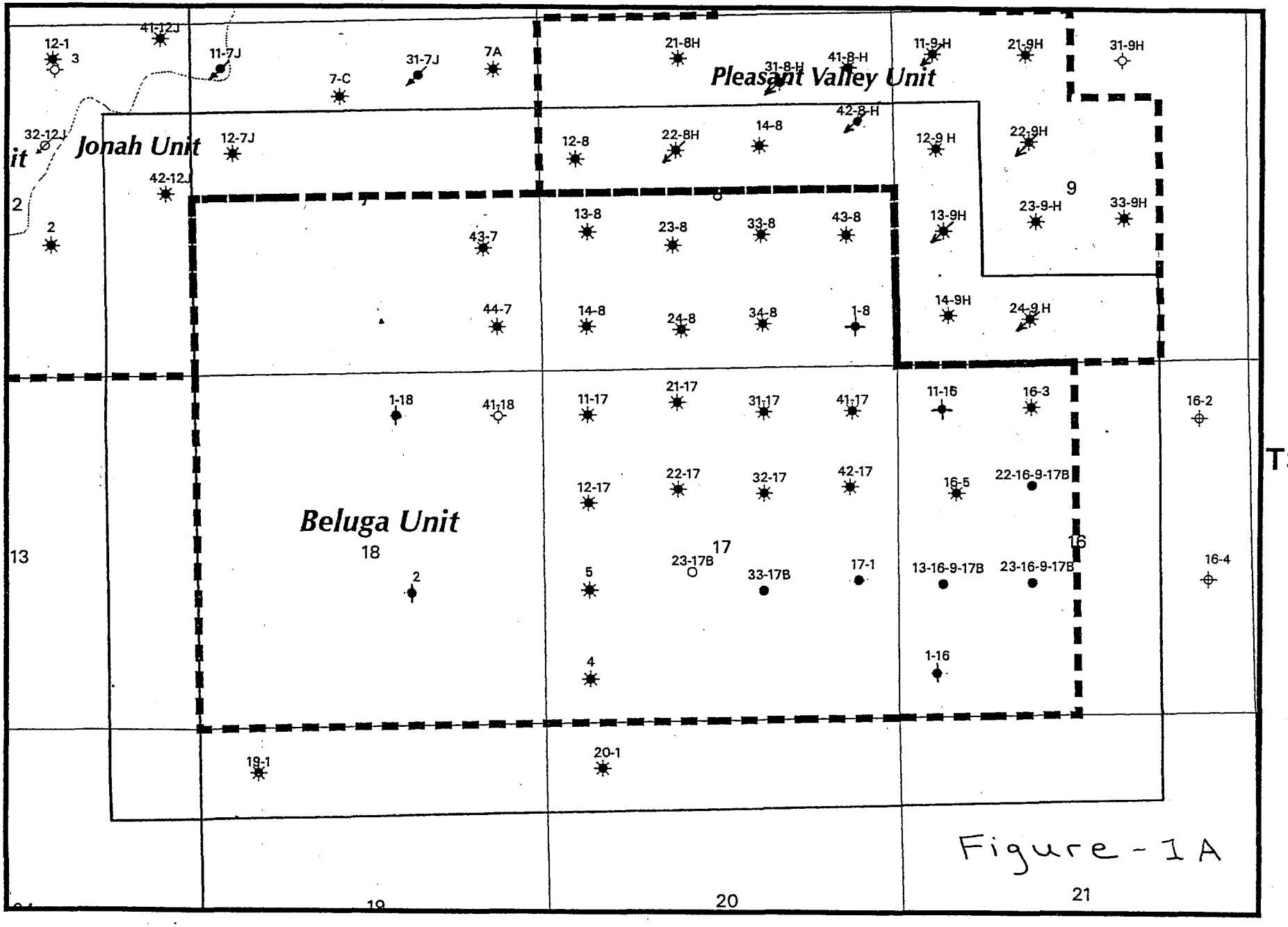
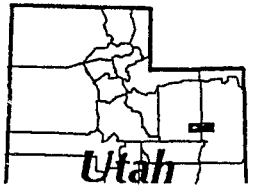


Figure - 1A



------- Unit Boundaries

——— Area Of Review

Equitable Resources Energy Company

Beluga Unit
Figure 1
Duchesne County, Utah
Well spot map/Area of review

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL OF THE 44-7, 13-8, 24-8, ~~33-8~~, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, AND 33-17 WELLS LOCATED IN SECTIONS 7, 8, 16 AND 17, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS	:	NOTICE OF AGENCY ACTION CAUSE NO. UIC-170

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5, 22-17, 31-17, 42-17, and 33-17 wells, located in Section 7, 8, 16 and 17, Township 9 South, Range 17 East, SLM, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of April 1996.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

R. J. Firth
Associate Director, Oil & Gas

Equitable Resources Energy Company
44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5,
22-17, 31-17, 42-17, and 33-17 Wells
Cause No. UIC-170

Publication Notices were sent to the following:

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Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102-4126

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

Larraine Platt
Secretary
April 2, 1996

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 2, 1996

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Larraine Platt

Larraine Platt
Secretary

Enclosure

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 2, 1996

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Larraine Platt

Larraine Platt
Secretary

Enclosure

143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune (NA) DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	D5385340L-07	04/11/96

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL488200561
SCHEDULE	
START 04/11/96 END 04/11/96	
CUST. REF. NO.	
UIC-170	
CAPTION	
NOTICE OF AGENCY ACTIONCAUSE N	
SIZE	
47 LINES 2.00 COLUMN	
	RATE
	1.64
SES	AD CHARGES
	154.16
	TOTAL COST
	154.16

COPY

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-170
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL OF THE 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, AND 33-17 WELLS LOCATED IN SECTIONS 7, 8, 16 AND 17, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, and 33-17 wells located in Sections 7, 8, 16 and 17, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 2nd day of April, 1996.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
R. J. Firth
Associate Director, Oil and Gas
48820050

AFFIDAVIT OF PUBLICATION

CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED
ICE OF AGENCY ACTIONCAUSE N FOR
AS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY
OR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS
SH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED
ALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 04/11/96 END 04/11/96

SIGNATURE Joanne Mooney

DATE 04/11/96

NOTARY PUBLIC
JOANNE MOONEY
2626 Hartford St.
Salt Lake City, UT 84106
My Commission Expires
March 31, 2000
STATE OF UTAH

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT
DECISION DOCUMENT

Applicant: Equitable Resources **Location:** Belugu Unit

Wells: 44-7,13-8,24-8,33-8,1-8,11-16,22-16,13-16,11-17,Pomco#5,22-17,31-17,42-17 and 33-17

Ownership Issues: The proposed wells are located in sections 7, 8 and 16, township 9 south, range 17 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Equitable has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The 14 wells proposed for conversion to injection all have surface casing set at approximately 300 feet ± 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 6000 feet, and were all cemented above the injection zone. The 1-8 and 11-16 wells are plugged and abandoned wells. The Pomco # 5 well is an old shut in producer, there are no cement bond logs on these three wells. Equitable has been notified that they must run bond logs on these wells and submit them to the Division prior to conversion. Cement bond logs are on file with the Division and verify reported cement tops on the other proposed injectors. The interval from 3190-5596 feet (Green River Formation) will be selectively perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 25 producing wells 5 plugged and abandoned wells, 5 shut in producers and 3 newly drilled wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. All of the plugged wells have adequate plugs. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field averages .87 psi/ft resulting in a maximum allowed surface pressure of 1975 psi. A maximum pressure of 1856 psig was requested and injection pressures for each of the injectors will be

maintained at this pressure. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Equitable Resources is the operator of the Belgu Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

Bonding: Equitable is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. Cement bon d logs need to be run on the 1-8,11-16 and pomco #5 wells. A casing pressure test needs to be conducted when the well is converted and a casing\tubing pressure test run prior to injection. The casing tubing annulas needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue an approval to convert the wells and an injection permit. There are no special conditions or stipulations other than runnung the bond logs on the specified wells and the permit should be granted in accordance with the conditions set forth in the application.

DJJ
Reviewers

05-21-96
Date

EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

★FAX TRANSMITTAL★

FAX NO.: (406) 245-1365

TO: NAME: Leesha
COMPANY: Utah, Division of Oil, Gas, & Mining
DATE: 02-21-96
FAX #:

FROM: Molly Conrad
Equitable Resouces Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

TELECOMMUNICATOR: mmc

SPECIAL INSTRUCTIONS:
Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.
Thanks for your help!!

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR EQUITABLE RESOURCES ENERGY

ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. N9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
D		11880				9S	17E		DUCHESNE		

WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)
Signature

ADMIN. ANALYST
Title

2-22-96
Date

Phone No. ( )

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT☐ **(Highlight Changes)**

Well Name / API Number / Entity / Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
BOLL WEEVIL FED 26-13 4301330770 00035 08S 16E 26	GRRV					
CASTLE PK ST 43-16 4301330594 01181 09S 16E 16	GRRV					
[illegible] 4301330778 01200 09S 17E 8	GRRV					
[illegible] 4301330666 01205 09S 17E 7	GRRV					
[illegible] 4301330516 01210 09S 17E 17	GRRV					
[illegible] [illegible]91330675 01220 09S 17E 8	GRRV					
[illegible]URNEY FED 1-9 4304730070 01260 09S 19E 9	GRRV					
CASTLE PK FED 24-10A 4301330555 01281 09S 16E 10	GRRV					
HENDEL FED 1-17 4304730059 01305 09S 19E 17	GRRV					
HENDEL FED 3-17 4304730074 01305 09S 19E 17	GRRV					
HENDEL FED. 1-9 4304720011 01310 09S 19E 9	GRRV					
PARIETTE BENCH FED 14-5 4304731123 01335 09S 19E 5	GRRV					
PARIETTE BENCH UNIT 2 4304715680 01345 09S 19E 7	GRRV					
			TOTALS			

)MMENTS: _____

ıereby certify that this report is true and complete to the best of my knowledge. Date: _____

me and Signature: _____ Telephone Number: _____

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT ☐ **(Highlight Changes)**

Well Name / API Number / Entity / Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
PARIETTE BENCH FED 41-7 4304731584 01346 09S 19E 7	GRRV					
SUE MORRIS 16-3 4301330562 01450 09S 17E 16	GRRV					
STATE 16-2 4301330552 01451 09S 17E 16	GRRV					
K JORGENSON ST 16-4 4301330572 01452 09S 17E 16	GRRV					
DUNCAN ST 16-5 4301330570 01453 09S 17E 16	GRRV					
UTE FEDERAL 43-8 01330777 02042 09S 17E 8	GRRV					
FEDERAL 31-18 4301330332 08100 09S 17E 18	DGCRK					
POMCO #2 4301330505 08101 09S 17E 18	GR-WS					
POMCO #4 4301330506 08102 09S 17E 17	GRRV					
POMCO #5 4301330499 08104 09S 17E 17	GRRV					
PARIETTE BENCH FED 32-6 4304731554 09885 09S 19E 6	GRRV					
PARIETTE BENCH FED 43-6 4304731616 10280 09S 19E 6	GRRV					
MAXUS FEDERAL 23-8 4301331196 10800 09S 17E 8	GRRV					
		TOTALS				

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge. Date:

Name and Signature: Telephone Number:

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT ☐ **(Highlight Changes)**

Well Name / API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
COYOTE FEDERAL 21-5 4304732260	11500	08S 25E 5	GRRV					
COYOTE FEDERAL 13-5 4304732261	11500	08S 25E 5	GRRV					
FEDERAL 22-10Y 4301331395	11501	09S 17E 10	GRRV					
FEDERAL 41-21Y 4301331392	11505	09S 16E 21	GRRV					
FEDERAL 44-14Y 4304732438	11506	09S 17E 14	GRRV					
FEDERAL 21-13Y 4301331400	11510	09S 16E 13	GRRV					
FEDERAL 21-9Y 4301331396	11513	09S 16E 9	GRRV					
MONUMENT FEDERAL 21-17 4301331387	11528	09S 17E 17	GRRV					
FEDERAL 44-8 4301331398	11529	09S 17E 8	GRRV					
FEDERAL 21-25Y 4301331394	11530	09S 16E 25	GRRV					
MONUMENT FEDERAL 43-8 4301331382	11574	09S 17E 8	GRRV					
MONUMENT FEDERAL 33-8 4301331427	11613	09S 17E 8	GRRV					
MONUMENT FEDERAL 43-7 4301331432	11616	09S 17E 7	GRRV					
					TOTALS			

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____

Name and Signature: _____ Telephone Number: _____

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

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EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT ☐ **(Highlight Changes)**

Well Name / API Number / Entity / Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 11-25 4304732455 11625 08S 17E 25	GRRV					
MONUMENT FEDERAL 31-17 4301331428 11635 09S 17E 17	GRRV					
MONUMENT FEDERAL 22-17 4301331429 11638 09S 17E 17	GRRV					
BALCRON MONUMENT FEDERAL 12-17 4301331431 11640 09S 17E 17	GRRV					
ALLEN FEDERAL 31-6G 4301331442 11642 09S 17E 6	GRRV					
BALCRON FEDERAL 41-19Y 4304732504 11651 09S 18E 19	GRRV					
BALCRON MONUMENT STATE 14-2 4301331425 11656 09S 17E 2	GRRV					
FEDERAL 44-4Y 4301331452 11679 09S 17E 4	GRRV					
FEDERAL 31-5Y 4304732503 11680 09S 18E 5	GRRV					
BALCRON MONUMENT FEDERAL 21-25 4304732528 11683 08S 17E 25	GRRV					
MONUMENT FEDERAL 41-17 4301331466 11692 09S 17E 17	GRRV					
MONUMENT FEDERAL 12-25 4304732526 11694 08S 17E 25	GRRV					
MONUMENT FEDERAL 42-17 4301331467 11698 09S 17E 17	GRRV					
			TOTALS			

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____

Name and Signature: _____ Telephone Number: _____

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

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BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

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AMENDED REPORT ☐ **(Highlight Changes)**

Well Name / API Number / Entity / Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
~~MONUMENT FEDERAL 32-17~~						
4301331465 11704 09S 17E 17	GRRV					
MONUMENT FEDERAL 32-25						
4304732524 11707 08S 17E 25	GRRV					
MONUMENT FEDERAL 31-25						
4304732530 11710 08S 17E 25	GRRV					
BALCRON FEDERAL 12-22Y						
4301331476 11717 08S 17E 22	GRRV					
MONUMENT FEDERAL 33-25						
4304732525 11729 08S 17E 25	GRRV					
MONUMENT FEDERAL 23-25						
4304732529 11730 08S 17E 25	GRRV					
BALCRON MONUMENT STATE 24-2						
4304732612 11736 09S 17E 2	GRRV					
BALCRON MONUMENT STATE 13-2						
4301331482 11738 09S 17E 2	GRRV					
BALCRON MONUMENT STATE 22-2						
4304732610 11742 09S 17E 2	GRRV					
BALCRON MONUMENT STATE 12-2						
4301331481 11745 09S 17E 2	GRRV					
BALCRON FEDERAL 31-19Y						
4304732614 11751 09S 18E 19	GRRV					
BALCRON FEDERAL 42-19Y						
4304732616 11756 09S 18E 19	GRRV					
BALCRON FEDERAL 12-20Y						
4304732617 11758 09S 18E 20	GRRV					
		TOTALS				

MMENTS:

reby certify that this report is true and complete to the best of my knowledge. Date:

e and Signature: Telephone Number:

EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

★FAX TRANSMITTAL★

FAX NO.: (406) 245-1365

TO: NAME: Leesha
COMPANY: Utah, Division of Oil, Gas, & Mining
DATE: 02-21-96
FAX #:

FROM: Molly Conrad
Equitable Resouces Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2
(including this cover sheet)

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TELECOMMUNICATOR: mmc

SPECIAL INSTRUCTIONS:
Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.
Thanks for your help!!

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR EQUITABLE RESOURCES ENERGY
ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. N9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
D		11880				9S	17E		DUCHESNE		

WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
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- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)
Signature
ADMIN. ANALYST
Title
2-22-96
Date
Phone No. ( )

A. Anderson State #1-16	Monument Butte	SW SW	16	9S	17E	Duchesne	UT	Oil (SI)	Green River	ML-3453	43-013-15582	660' FSL, 560' FWL		Beluga
Balcron Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
Balcron Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31398	660' FSL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31465	1650' FNL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
D. Duncan State #16-5	Monument Butte	SW NW	16	9S	17E	Duchesne	UT	Oil	Green River	State ML-3453-B	43-013-30570	1922' FNL, 885' FWL		Beluga
DMD Federal #17-1	Monument Butte	NE SE	17	9S	17E	Duchesne	UT	Oil (SI)	Green River	U-44430	43-013-30689	2059 FSL 0584 FEL	Vernal	Beluga
Federal #1-18	Monument Butte	NW NE	18	9S	17E	Duchesne	UT	OSI	Green River	U-3563	43-013-30332	636' FNL, 2186' FEL	Vernal	Beluga
Maxus Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30660	670' FSL, 683' FEL	Vernal	Beluga
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106		1926' FSL, 2000' FEL	Vernal	Beluga
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL		Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL		Beluga
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	661' FNL, 664' FWL	Vernal	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL	Vernal	Beluga
Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	660' FSL, 1980' FEL	Vernal	Beluga
Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	1958' FSL, 711' FEL	Vernal	Beluga
POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL	Vernal	Beluga
POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL	Vernal	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562	660' FNL, 1980' FWL		Beluga

N4940 - Enserch Explor. Inc. (Oper. chg. in Progress)

N8395 - Prod. Recovery Corp. (Oper. chg. in Progress)

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT ☐ **(Highlight Changes)**

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	 GAS(MCF)	 WATER(BBL)
MAXUS FEDERAL 23-8 4301331196 11880 09S 17E 8	GRRV					
MONUMENT FEDERAL 13-8 4301331382 11880 09S 17E 8	GRRV					
MONUMENT FEDERAL 21-17 4301331387 11880 09S 17E 17	GRRV					
FEDERAL 14-8 4301331398 11880 09S 17E 8	GRRV					
MONUMENT FEDERAL 33-8 4301331427 11880 09S 17E 8	GRRV					
MONUMENT FEDERAL 31-17 4301331428 11880 09S 17E 17	GRRV					
MONUMENT FEDERAL 22-17 4301331429 11880 09S 17E 17	GRRV					
BALCRON MONUMENT FEDERAL 12-17 4301331431 11880 09S 17E 17	GRRV					
MONUMENT FEDERAL 43-7 4301331432 11880 09S 17E 7	GRRV					
MONUMENT FEDERAL 32-17 4301331465 11880 09S 17E 17	GRRV					
MONUMENT FEDERAL 41-17 4301331466 11880 09S 17E 17	GRRV					
BALCRON MONUMENT FEDERAL 42-17 4301331467 11880 09S 17E 17	GRRV					
			TOTALS			

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____

Name and Signature: _____ Telephone Number: _____

(12/93)

Balcron Monument Fed. #32-1J	Monument Butte	SW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31414	2143' FNL, 1987' FEL	Vernal	Jonah
Balcron Monument Fed. #32-25	Undesignated	SW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32524	1980' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #33-11J	Monument Butte	NW SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-31451	1971' FSL, 2032' FEL	Vernal	Jonah
Balcron Monument Fed. #33-25	Undesignated	NW SE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32525	2097' FSL, 2067' FEL	Vernal	
Balcron Monument Fed. #33-6	Monument Butte	NW SE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31361	1832' FSL, 1829' FEL	Vernal	Jonah
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #34-10J	Monument Butte	SW SE	10	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31416	592' FSL, 1979' FEL	Vernal	Jonah
Balcron Monument Fed. #34-25	Undesignated	SW SE	25	8S	17E	Uintah	UT	PND	Green River	U-67845		800' FSL, 2100' FEL	Vernal	
Balcron Monument Fed. #34-7	Monument Butte	SW SE	7	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31426	810' FSL, 1736' FEL	Vernal	
Balcron Monument Fed. #41-12J	Monument Butte	NE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-44426		395' FNL, 476' FEL	Vernal	Jonah
Balcron Monument Fed. #41-14J	Monument Butte	NE NE	14	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31408	363' FNL, 600' FEL	Vernal	Jonah
Balcron Monument Fed. #41-15	Monument Butte	NE NE	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31367	460' FNL, 500' FEL	Vernal	Jonah
Balcron Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
Balcron Monument Fed. #41-26	Monument Butte	NE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845	43-047-32456	660' FNL, 500' FEL	Vernal	
Balcron Monument Fed. #42-11J	Monument Butte	SE NE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-30066	1992' FNL, 496' FEL	Vernal	Jonah
Balcron Monument Fed. #42-12J	Monument Butte	SE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521	43-013-31486	2550' FNL, 391' FEL	Vernal	Jonah
Balcron Monument Fed. #42-14J	Monument Butte	SE NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096550	43-013-21491	1882' FNL, 773' FEL	Vernal	Jonah
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
Balcron Monument Fed. #42-18	Monument Butte	SE NE	18	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31433	1800' FNL, 800' FEL	Vernal	
Balcron Monument Fed. #42-1J	Monument Butte	SE NE	1	9S	16E	Duchesne	UT	WIW	Green River	U-40652	43-013-31404	2087' FNL, 692' FEL	Vernal	Jonah
Balcron Monument Fed. #42-26	Undesignated	SE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		2100' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #42-6	Monument Butte	SE NE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31364	1806' FNL, 921' FEL	Vernal	Jonah
Balcron Monument Fed. #43-11J	Monument Butte	NE SE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31002	2127' FSL, 693' FEL	Vernal	Jonah
Balcron Monument Fed. #43-26	Undesignated	NE SE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		1880' FSL, 379' FEL	Vernal	
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
Balcron Monument Fed. #44-1J	Monument Butte	SE SE	1	9S	16E	Duchesne	UT	WIW	Green River	U-44426	43-013-31415	338' FSL, 859' FEL	Vernal	Jonah
Balcron Monument State #12-2	Undesignated	SW NW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31481	1980' FNL, 660' FWL		
Balcron Monument State #13-2	Undesignated	NW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31482	2210' FSL, 604' FWL		
Balcron Monument State #14-2	Undesignated	SW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31425	513' FSL, 787' FWL		
Balcron Monument State #21-2-9-17	Undesignated	NE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32703	821' FNL, 2187' FWL		
Balcron Monument State #22-2	Undesignated	SE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32610	1980' FNL, 1980' FWL		
Balcron Monument State #23-2	Undesignated	NE SW	2	9S	17E	Uintah	UT	WSW	Green River	ML-45555	43-047-32613	1980' FSL, 1980' FWL		
Balcron Monument State #24-2	Undesignated	SE SW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32612	660' FSL, 1980' FWL		
Balcron Monument State #32-2	Undesignated	SW NE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32609	1980' FNL, 1980' FEL		
Balcron Monument State #34-2	Undesignated	SW SE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32611	800' FSL, 1980' FEL		

EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: See attached listing

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name: n/a

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name: See attached listing

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

8. Well Name and Number: See attached listing

2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division

9. API Well Number: See attached listing

3. Address and Telephone Number: 1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

10. Field and Pool, or Wildcat: See attached listing

4. Location of Well
Footages: See attached listing
County: See attached list
QQ, Sec., T., R., M.:
State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandon	☐ New Construction	☐ Abandon *	☐ New Construction
☐ Repair Casing	☐ Pull or Alter Casing	☐ Repair Casing	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recomplete	☐ Change of Plans	☐ Reperforate
☐ Convert to Injection	☐ Reperforate	☐ Convert to Injection	☐ Vent or Flare
☐ Fracture Treat or Acidize	☐ Vent or Flare	☐ Fracture Treat or Acidize	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☒ Other Operator name change	
☐ Other _____			
Approximate date work will start _____		Date of work completion _____	

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

APR - 8 1996

13.
Name & Signature: Bobbie Schuman
Bobbie Schuman
Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

(4\94) (See Instructions on Reverse Side)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:
1-LEP 7-SJ
2-DTS 8-FILE
3-VLD (GIL)
4-RJF
5-LEC
6-FILM

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	EQUITABLE RESOURCES ENERGY COEROM
(address)	1601 LEWIS AVE
	BILLINGS MT 59102-4126
	phone (406) 259-7860
	account no. N9890
FROM (former operator)	EQUITABLE RESOURCES ENERGY CO
(address)	BALCRON OIL DIVISION
	1601 LEWIS AVE
	BILLINGS MT 59102-4126
	phone (406) 259-7860
	account no. N9890

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: 043-31421	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:

OPERATOR CHANGE DOCUMENTATION

Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)

N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.

* 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above~~. (4-10-96)

Yes 6. Cardex file has been updated for each well listed above. (4-11-96)

Yes 7. Well file labels have been updated for each well listed above. (4-11-96)

Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)

Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

- OVER -

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ___ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) #5578314 ($80,000) Seaco Ins. Co. (Bond Rider In Progress)

Lec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

___ 2. A copy of this form has been placed in the new and former operators' bond files.

N/A 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. 4/20/96

DTS 2. Copies of documents have been sent to State Lands for changes involving **State leases.** Sent to Ed Bonner — Trust Lands

FILMING

KDR 1. All attachments to this form have been microfilmed. Date: May 20 19 96.

FILING

___ 1. Copies of all attachments to this form have been filed in each well file.

___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/6/96 Blm/BIA "Formal approval not necessary".

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 21, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Re: Application for Injection Wells
Sections 7, 8, 16 and 17
Township 9 South, Range 17 East
Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the following listed wells to Class II injection wells:

Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.

3. Cement bond logs shall be run on the Monument Butte Federal 1-8, State NGC 11-16 and Pomco # 5 wells prior to conversion. Copies of the bond logs shall be submitted to the Division for review to determine if remedial cement work is necessary.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.J. Firth
Associate Director

cc: Chuck Williams, Environmental Protection Agency
Bureau of Land Management, vernal

EREC Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #33-8 **Operator:** **EREC/Western Region**
Location: **NW SE Section 8, T9S, R17E**
Duchesne County, Utah
Prospect: **Monument Butte/Beluga Unit**

10/15/96 Re-Completion for Injection
MIRU Pennant Well Service Rig #4. Hang well off. Pump 75 bbls hot wtr down csg. Unseat DHP. Flush rods w/55 bbls hot wtr. Pull & LD rod string. 218 - ¾" x 25' D-61 Plain (B). ND well head. NU BOP. SWIFN.
DC: $2,017 CC: $2,017

10/17/96 Re-Completion for Injection
Release tbg anchor. Tag fill @ 5572' KB. TOOH w/tbg string. TIH w/TS RBP, retrieving tool, 2-3/8" x 6' sub, HD pkr, SN & 172 jts tbg. Set BP @ 5486' KB, pkr @ 5421' KB (Zone 5444' - 5463'). Pump 1-1/2 bpm @ 756 psi, ISP @ 5500 psi. Reset BP @ 4694' KB, pkr @ 4598' KB (Zone 4656' - 4662'). Pump 1-1/4 bpm @ 800 psi, ISIP @ 500 psi. Reset BP @ 4162' KB, pkr @ 4004' KB (Zone 4104' - 4144'). Pump 1-1/4 bpm @ 725 psi, ISIP @ 475 psi. Reset BP @ 4064' KB. Press test csg to 1000 psi. BP failed. SWIFN.
DC: $6,622 CC: $8,639

10/17/96 Re-Completion for Injection
Set BP @ 4038' KB, set pkr @ 4030' KB. Press test down csg to 1000 psi, lost 200 psi in 5 minutes. TOOH w/tbg, pkr & BP. TIH w/injection string (tbg) as follows:

	LENGTH	DEPTH KB
1 - Arrow Set-1 pkr 2-3/8" x 5-1/2"	7.30'	4029.33'
1 - Cross Over 2-3/8" x 2-7/8"	.40'	4022.03'
1 - SN 2-7/8"	1.10'	4021.63'
130 - jts 2-7/8" EUE J-55 8rd 6.5#	4010.53'	4020.53'
KB	10.00'	

ND BOP, drop standing valve. Press test tbg to 3000 psi, ½ hr, no loss. Set pkr @ 4029' KB. Flange up well head. Press test pkr & csg to 1000 psi, ½ hr, no loss. SWIFN w/1000 psi on csg.
DC: $4,384 CC: $13,023

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-74108
6. If Indian, Allottee or Tribe Name: n/a
7. If Unit or CA, Agreement Designation: Beluga Unit
1. Type of Well: ☐ Oil Well ☐ Gas Well ☒ Other WIW
8. Well Name and No.: Bale. Mon. Fed. #33-8
2. Name of Operator: Equitable Resources Energy Company
9. API Well No.: 43-013-31427
3. Address and Telephone No.: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860
10. Field and Pool, or Exploratory Area: Monument Butte/Green River
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): NW SE 8-T9S-R17E; 1980' FNL 1980' FEL
11. County or Parish, State: Duchesne Co. Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other request for approval to inject	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well has been coverted to a water injection well in accordance with the attached wellbore diagram and EPA Well Rework form. Water injection will commence when final approval has been received from the EPA, BLM, and Utah DOGM. This sundry notice is to request that approval to inject.

ORIGINAL: Bureau of Land Management (Vernal, UT) (Attention: Wayne Bankert)
COPY: Utah Division of Oil, Gas and Mining (Attention: Dan Jarvis)
COPY: U.S. EPA (Attention: Chuck Williams)

RECEIVED
NOV 13 1996
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date November 12, 1996
Bobbie Schuman

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

WO tax credit denied - 2/97

Form Approved. OMB No. 2000-0042. Approval expires 9-30-86

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

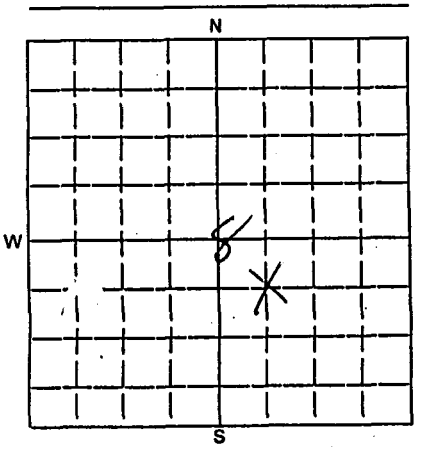
EPA

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE
Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, Montana 59102

NAME AND ADDRESS OF CONTRACTOR
Pennant Well Service
600 17th Street 1615N
Denver, Colorado 80202

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE	COUNTY	PERMIT NUMBER (lease #)
Utah	Duchesne County	U-74108

SURFACE LOCATION DESCRIPTION
NW ¼ OF SE ¼ OF ¼ SECTION 8 TOWNSHIP 9S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 1980 ft. from (N/S) S Line of quarter section
and 1980 ft. from (E/W) E Line of quarter section

UT2798-04307

WELL ACTIVITY
☐ Brine Disposal
☒ Enhanced Recovery
☐ Hydrocarbon Storage

Lease Name
Beluga Unit

Total Depth Before Rework
5700' KB

Total Depth After Rework
5700' KB

Date Rework Commenced
10/15/96

Date Rework Completed
10/18/96

TYPE OF PERMIT
☐ Individual
☐ Area
Number of Wells ____

Well Number
Balcron Monument Federal # 33-8

WELL CASING RECORD — BEFORE REWORK

Casing Size	Casing Depth	Cement Sacks	Cement Type	Perforations From	Perforations To	Acid or Fracture Treatment Record
	See	Attached				

WELL CASING RECORD — AFTER REWORK *(Indicate Additions and Changes Only)*

Casing Size	Casing Depth	Cement Sacks	Cement Type	Perforations From	Perforations To	Acid or Fracture Treatment Record
	See	Attached				

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

Isolated individual zones to establish inj. Rates into each zone. Pickup New inj tubing & set Arrow Set-1 packer @ 4022' KB. Load casing annulus w/ 55 gal Champion Corrtron 2388 pkr fluid mixed w/ 62 BBls 2% KCL water.

WIRE LINE LOGS, LIST EACH TYPE

Log Types	Logged Intervals
IPLT, ALT, MSC	TD to Surface

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE *(Please type or print)*	SIGNATURE	DATE SIGNED
John Zelliti Senior Prod. Engr.	John Zelliti	11-11-96

EPA Form 7520-12 (2-84)

EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

WELL NAME: **BALCRON MONUMENT FEDERAL #33-8**
FIELD: Monument Butte Field (Beluga Unit)
FEDERAL LEASE NO.: U-74108
LOCATION: NW SE Section 8, T9S, R17E
FOOTAGE: 1980' FSL, 1980' FEL
COUNTY/STATE: Duchesne County, Utah
WORKING INTEREST: 0.91491728
PRODUCING FORMATION: Green River
COMPLETION DATE: 3-30-94
INITIAL PRODUCTION: 65 BO, 200 MCF
OIL/GAS PURCHASER: Amoco
PRESENT PROD STATUS: WO Surface Equipment
ELEVATIONS - GROUND: 5,318.6' GL
TOTAL DEPTH: 5,700' KB

DATE : 11/2/95 vk

API NO.: 43-013-31427

NET REVENUE INTEREST: 0.80471769 Oil
0.73108274 Gas
SPUD DATE: 2/14/94
OIL GRAVITY: 34
BHT:

KB: 5,328.6' KB (10' KB)
PLUG BACK TD: 5633.74' KB

SURFACE CASING

STRING: 1
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts (254.03')
DEPTH LANDED: 262' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: Western - 150 sxs Class "G" +
(2% CCI + 1/4 Celeflake)per sx.

PRODUCTION CASING

STRING: 1
CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5 #
LENGTH: 129 jts (5672.25')
DEPTH LANDED: 5681.25' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 132 sxs Thrifty-lite and
tail w/257 sxs 50-50 POZ.

CEMENT TOP AT: 2390' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 130 Jts (4010.53')
SEATING NIPPLE: 2-7/8"x1.10'
ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.30'
PACKER SET AT: 4022' KB

LOGS: IPLT, ALT, MSC

Well was cored on 2-26-94.

PERFORATION RECORD

3/9/94	4104' - 4116'	(12')	4 SPF	Y3
3/9/94	4138' - 4144'	(6')	4 SPF	Y3
Communication between 4104' - 4116' & 4138' - 4144'				
3/7/94	4656' - 4662'	(6')	4 SPF	R2
3/2/94	5444' - 5463'	(19')	4 SPF	B1

ACID JOB / BREAKDOWN JOB

3-3-94: 5444' - 5463'	500 gallons 15% HCL. Balled off. ATP 2300 psi, max 4590 psi. ATR 7 bpm, max-7 bpm, ISIP 1200 psi, rate 13 bpm @ 5000 psi
3-7-94: 4656' - 4662'	500 gals 15% HCL. Good ball action. ATP-3300 psi, max 5000 psi. ATR 3.2 bpm, max 3.9 bpm ISIP 1600 psi, Rate 20 bpm @ 5290 psi
3-9-94: 4104' - 4116'	500 gals 15% HCL. Balled Off. ATP 2600 psi, max 4950 psi. ATR 4 bpm, max 4 bpm, ISIP 430 psi Pump for rate 9.1 bpm @ 2150 psi
3-9-94: 4138' - 4144'	500 gals 15% HCL. No Ball Off. ATP 1500 psi, max 2600 psi. ATR 3 bpm, max 8.9 bpm, ISIP 850 psi Pump for rate 8 bpm @ 2600 psi

Before Rework

EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

BALCRON MONUMENT FEDERAL #33-8
NW SE Section 8, T9S, R17E
1980' FSL, 1980' FEL
LEASE No. U-7978
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

11/3/95 vk

WELL DATA SHEET CONTINUED
PAGE TWO

FRAC JOB

3-3-93: 5444' - 5463'	24,500# 20/40 mesh sand & 25,300# 16/30 mesh sand in 5441 gals 2% KCL wtr. Ave pressure 1700 psi, max 2150 psi. Avg rate 26 BPM max 28.1 BPM. ISIP 1650 5 min 1480#, 10 min 1350# 15 min 1240#, run trace isotope.
3-7-94: 4656' - 4662'	18,100# 16/30 mesh sand in 5700 gals 2% KCL wtr. Avg Press 2700 psi, max 3550 psi. Ave Rate 20.2 BPM max 20.5 BPM. ISIP 2150 psi, 5 min 1580 psi, 10 min 1400 psi, 15 min 1340 psi.
3-9-94: 4104' - 4144' & 4138' - 4144'	52,200# 16/30 mesh sand in 19,830 gals 2% KCL wtr. Avg Press 2500 psi, max 2950 psi. Avg Rate 24.7 BPM, max 25.1 BPM. ISIP 1750 psi, 5 min 1400 psi 10 min-1350, 15 min-1320

Before Rework

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION

BALCRON MONUMENT FEDERAL #33-8
NW SE Section 8, T9S, R17E
1980' FSL, 1980' FEL
LEASE No. U-74108
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Elev.GR - 5318.6' GL
Elev.KB - 5328.6' KB (10' KB)

WELLBORE DIAGRAM

DATE : 11/3/95 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254.03' (6 jts)
DEPTH LANDED: 262' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: Western - 150 sxs Class "G" + (2% CCl + 1/4 Celeflake)per sx.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5672.25' (129 jts)
DEPTH LANDED: 5681.25
HOLE SIZE: 7-7/8"
CEMENT DATA: 132 sxs Thrifty-lite and tail w/257 sxs 50-50 POZ.
CEMENT TOP AT: 2390' KB

TUBING

SIZE/GRADE/WT.: 2-7/8", EUE J-55, 6.5#
NO. OF JOINTS: 128 jts @ 4049.21'
TUBING ANCHOR: 2-1/2" x 5-1/2" (Trico)
NO. OF JOINTS: 45 jts @ 1410.45'
SEATING NIPPLE: 2-7/8" x 1.10'
PERFORATED SUB: 2-7/8" x 3'
MUD ANCHOR: 1 jt @ 30.52'
STRING LENGTH: 5495'
SN LANDED AT: 5473.11' KB

SUCKER RODS

POLISHED ROD: 1-1/4" X 22'
SUCKER RODS: 1 - 3/4" X 4' PONY
218 - 3/4" X 25' D-61 Rods

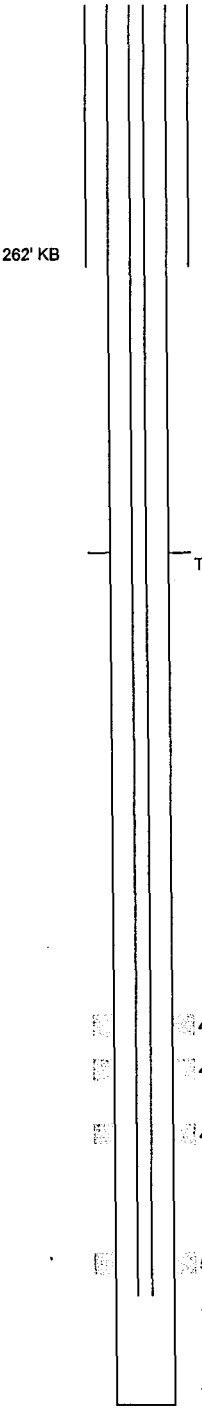
STRING LENGTH: 5471.5'

PUMP NUMBER: 1041 (Trico)
PUMP SIZE: 2.5"x1.5"x16' RWAC w/PA plunger

STROKE LENGTH: 87"
PUMP SPEED, SPM: 4.5
PUMPING UNIT: LUFKIN LM-228D-213-86T
PRIME MOVER: AJAX CMA 8-1/2" x 10"

LOGS: IPLT, ALT, MSC

Well was cored on 2-26-94.



ACID JOB /BREAKDOWN

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3-9-94: 4104' - 4116'	500 gals 15% HCL. Balled Off. ATP 2600 psi, max 4950 psi. ATR 4 bpm, max 4 bpm, ISIP 430 psi Pump for rate 9.1 bpm @ 2150 psi
3-9-94: 4138' - 4144'	500 gals 15% HCL. No Ball Off. ATP 1500 psi, max 2600 psi. ATR 3 bpm, max 8.9 bpm, ISIP 850 psi Pump for rate 8 bpm @ 2600 psi

FRAC JOB

3-3-93: 5444' - 5463'	24,500# 20/40 mesh sand & 25,300# 16/30 mesh sand in 5441 gals 2% KCL wtr. Ave pressure 1700 psi, max 2150 psi. Avg rate 26 BPM max 28.1 BPM. ISIP 1650 5 min 1480#, 10 min 1350# 15 min 1240#,run trace isotope.
3-7-94: 4656' - 4662'	18,100# 16/30 mesh sand in 5700 gals 2% KCL wtr. Avg Press 2700 psi, max 3550 psi. Ave Rate 20.2 BPM max 20.5 BPM. ISIP 2150 psi, 5 min 1580 psi, 10 min 1400 psi, 15 min 1340 psi.
3-9-94: 4104' - 4144' & 4138' - 4144'	52,200# 16/30 mesh sand in 19,830 gals 2% KCL wtr. Avg Press 2500 psi, max 2950 psi. Avg Rate 24.7 BPM, max 25.1 BPM. ISIP 1750 psi, 5 min 1400 psi 10 min-1350, 15 min-1320

PERFORATION RECORD

3/9/94	4104' - 4116'	(12')	4 SPF Y3	1
3/9/94	4138' - 4144'	(6')	4 SPF Y3	2
Communication between 4104' - 4116' & 4138' - 4144'				3
3/7/94	4656' - 4662'	(6')	4 SPF R2	4
3/2/94	5444' - 5463'	(19')	4 SPF B1	5
				6

Before Rework

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION

BALCRON MONUMENT FEDERAL #33-8
NW SE Section 8, T9S, R17E
1980' FSL, 1980' FEL
LEASE No. U-74108
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Elev.GR - 5318.6' GL
Elev.KB - 5328.6' KB (10' KB)

Injection Wellbore Diagram

DATE : 10/28/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254.03' (6 jts)
DEPTH LANDED: 262' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: Western - 150 sxs Class "G" + (2% CCl + 1/4 Celeflake)per sx.

262' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5672.25' (129 jts)
DEPTH LANDED: 5682.25' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 132 sxs Thrifty-lite and tail w/257 sxs 50-50 POZ.
CEMENT TOP AT: 2390' KB

Uinta Formation Surface to 1450 ft.

TOC @ 2390' KB

PERFORATION RECORD

3/9/94	4104' - 4116'	(12')	4 SPF
3/9/94	4138' - 4144'	(6')	4 SPF
Communication between 4104' - 4116' & 4138' - 4			
3/7/94	4656' - 4662'	(6')	4 SPF
3/2/94	5444' - 5463'	(19')	4 SPF

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 130 Jts (4010.53')
SEATING NIPPLE: 2-7/8"x1.10'
ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.30'
PACKER SET AT: 4022' KB
PKR Set w/ 9" Tension

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER
SET @ 4022' KB

CONVERSION:
1.) Tag fill @ 5572' KB
2.) TIH w/ RBP & PKRand pump filtered KCL water to establish injection rate into each zone.
3.) Replace 2-3/8" tbg with new 2-7/8" tbg from Marta-Co.
4.) Pump PKR fluid and Set Arrow Set-1 PKR @ 4022'. Press. test csg to 1000 psi. Good.

4104' - 16'

4138' - 44'

4656' - 62'

PACKER FLUID: Champion Cortron 2383 PKR fluid mixed w/ 62 bbls 2% KCL water. 10/18/96

MIT RECORD:

5444' - 63'

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5633.74' KB
TD @ 5700' KB

Wasatch Formation 5950 ft.

Post
Rework

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 20, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Adminintrative Approval for Conversion of Wells to Class II Injection Wells, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its adminintrative approval for conversion of the referenced wells to Class II injection wells:

Monument State 22-16-9-17B	Monument State 13-16-9-17B
Monument State 33-17-9-17B	Balcron Monument Federal 42-17
Balcron Monument Federal 31-17	Balcron Monument Federal 22-17
Pomco 5	Paiute Federal 11-7
State NGC 11-16	Monument Butte Federal 1-8
Balcron Monument Federal 33-8	Paiute Federal 24-8
Balcron Monument Federal 13-8	Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.

Enclosed with this letter is the Underground Injection Control Permit for this well. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R. J. Firth
Associate Director

lwp
cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-170

Operator: Equitable Resources Energy Company

Wells:
Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Location: Sections 7,8,16 and 17, Township 9 South, Range 17 East,
County: Duchesne

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 21, 1996

2. Maximum Allowable Injection Pressure: 1856 psig

3. Maximum Allowable Injection Rate: (restricted by pressure limitation)

4. Injection Interval: 3190 feet to 5596 feet (Green River Formation)

Approved by: _____ 11/20/96

R.J. Firth
Associate Director, Oil and Gas

Date

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED
JAN 17 1997
DIV OF OIL, GAS & MINING

5. Lease Designation and Serial No.: See attached list
6. If Indian, Allottee or Tribe Name: n/a
7. If Unit or CA, Agreement Designation: Beluga Unit
8. Well Name and No.: See attached list
9. API Well No.: See attached list
10. Field and Pool, or Exploratory Area: Mon.Butte/Grn.River
11. County or Parish, State: Duchesne County, UTAH

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: Equitable Resources Energy Company
3. Address and Telephone No.: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): See attached list

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[X] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Balcron Monument Federal #33-8 has been converted to water injection for secondary recovery of remaining oil reserves. The well was treated with 5 gallons of claymaster and 10 gallons of 940 surfactant mixed with 75 barrels of 25 KCl water at a temperature of approximately 160°F to clear the wellbore and formation of residual oil. The well was then placed on injection at a rate of approximately 475 STBWPD.

Water injection commenced on December 3, 1996.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining
COPY: U.S. Environmental Protection Agency (UIC Section)

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date January 13, 1997
Bobbie Schuman
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

	Field								Status	Formation	Federal Lease #	API #	Footages	UNIT
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil		Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Beluga
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil		Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Beluga
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil		Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Beluga
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil		Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Beluga
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil		Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Beluga
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil		Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Beluga
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	OIL		Green River	UTU-74108		2217' FSL, 2187 FWL	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil		Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Beluga
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	COMPL		Green River	U-72106		1926' FSL, 2000' FEL	Beluga
Monument Federal #44-8-17B	Monument Butte	SE SE	8	9S	17E	Duchesne	UT	PND		Green River	U-74398	43-013-30643	602' FSL, 598' FEL	Beluga
Monument State #11-16-9-17B (Re-entry)	Monument Butte	NW NW	16	9S	17E	Duchesne	UT	DRLG		Green River	State ML-21844	43-013-30616	660' FNL, 659' FWL	Beluga
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	SI		Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL	Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	SI		Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL	Beluga
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil		Green River	U-3563-A	43-047-30516	661' FNL, 664' FWL	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil		Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil		Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Beluga

1-10-97/ns

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE		INDIAN	COUNT
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW		N	
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW		N	
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW		N	
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW		N	
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW		N	
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW		N	
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW		Y	
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW		Y	
EQUITABLE RE	43-013-31384	22-5	09S	17E	5	INJW		Y	
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW		N	
EQUITABLE RE	43-013-31492	11-7J	09S	17E	7	INJW		Y	
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW		Y	
EQUITABLE RE	43-047-20252	E. RED WASH	08S	25E	5	INJW		N	
EQUITABLE RE	43-047-20261	ERW 4-6	08S	25E	6	INJW		Y	
EQUITABLE RE	43-047-32346	42-6X	08S	25E	6	INJW		N	
EQUITABLE RE	43-047-20245	AMERADA GUIN	08S	25E	7	INJW		Y	
EQUITABLE RE	43-013-30666	44-7	09S	17E	7	INJW	U3563	Y	11880
EQUITABLE RE	43-013-31382	13-8	09S	17E	8	INJW	U007978	Y	11880
EQUITABLE RE	43-013-31427	33-8	09S	17E	8	INJW	U007978	Y	11880
EQUITABLE RE	43-013-30675	24-8	09S	17E	8	INJW	U7978	Y	11880
EQUITABLE RE	43-013-30643	44-8-17B	09S	17E	8	INJW	U46326	Y	1523
EQUITABLE RE	43-013-31580	13-16-9-17B	09S	17E	16	INJW	ML3453B	Y	11880
EQUITABLE RE	43-013-30616	11-16-9-17B	09S	17E	16	INJW	ML21844	Y	6130
EQUITABLE RE	43-013-31145	22-16-9-17B	09S	17E	16	INJW	ML3453B	Y	11880
~~EQUITABLE RE~~	~~43-013-30518~~	~~11-17~~	~~09S~~	~~17E~~	~~17~~	~~INJW~~		Y	
EQUITABLE RE	43-013-30499	POMCO 5	09S	17E	17	INJW	U7978	Y	11880
EQUITABLE RE	43-013-30516	11-17	09S	17E	17	INJW	U3563A	Y	11880
EQUITABLE RE	43-013-31428	31-17	09S	17E	17	INJW	UTU72106	Y	11880
EQUITABLE RE	43-013-31581	33-17-9-17B	09S	17E	17	INJW	U72106	Y	11880
EQUITABLE RE	43-013-31429	22-17	09S	17E	17	INJW	UTU72106	Y	11880
EQUITABLE RE	43-013-31467	42-17	09S	17E	17	INJW	UTU72106	Y	11880
EQUITABLE RE	43-047-32610	22-2	09S	17E	2	INJW		Y	
EQUITABLE RE	43-013-31425	14-2	09S	17E	2	INJW		Y	
GIANT EXPLOR	43-037-15042	GOTHIC MESA	41S	23E	16	INJD		Y	
GIANT EXPLOR	43-037-20292	SENTINEL PEA	41S	26E	27	INJD		Y	
GIANT EXPLOR	43-037-16452	9-24	41S	23E	9	INJI		Y	
HAY HOT OIL	43-037-30521	MCCRAKEN PT	40S	23E	19	INJI		N	
INLAND PRODU	43-013-30843	MONUMENT BUT	08S	16E	34	INJW		Y	
INLAND PRODU	43-013-31559	15-25	08S	16E	25	INJW		N	
INLAND PRODU	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW		N	
INLAND PRODU	43-013-30808	FED 1-34	08S	16E	34	INJW		N	
INLAND PRODU	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW		N	
INLAND PRODU	43-013-30606	MONUMENT BUT	08S	16E	35	INJW		N	
INLAND PRODU	43-013-30745	MONUMENT BUT	08S	16E	35	INJW		N	
INLAND PRODU	43-013-31514	1A-35	08S	16E	35	INJW		Y	
INLAND PRODU	43-013-30605	MONUMENT BUT	08S	16E	35	INJW		N	
INLAND PRODU	43-013-31264	MONUMENT FED	08S	16E	35	INJW		N	
INLAND PRODU	43-013-30608	MONUMENT BUT	08S	16E	35	INJW		N	
INLAND PRODU	43-013-30624	STATE 5-36	08S	16E	36	INJW		N	
INLAND PRODU	43-013-30592	STATE 1-36	08S	16E	36	INJW		N	
INLAND PRODU	43-013-30787	12-32	08S	17E	32	INJW		Y	
INLAND PRODU	43-013-30779	FED 15-28	08S	16E	28	INJW		N	
INLAND PRODU	43-013-31372	14A-28	08S	16E	28	INJW		N	

Inland
RESOURCES INC.

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau

Patsy Barreau

/pb
encls.

475 Seventeenth Street, Suite 1500, Denver, CO 80202 • 303-292-0900 • FAX 303-296-4070

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number: See Attached

6. If Indian, Allottee or Tribe Name: n/a

7. Unit Agreement Name: See Attached

1. Type of Well: OIL [X] GAS [ ] OTHER:

8. Well Name and Number: See Attached

RECEIVED

2. Name of Operator: Inland Production Company

OCT 13 1997

9. API Well Number: See Attached

3. Address and Telephone Number: 475 - 17th Street, Suite 1500, Denver, CO 80202

10. Field and Pool, or Wildcat: See Attached

4. Location of Well

Footages: See Attached Exhibit

County:

QQ, Sec.,T.,R.,M.:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandon	[ ] New Construction	[ ] Abandon *	[ ] New Construction
[ ] Repair Casing	[ ] Pull or Alter Casing	[ ] Repair Casing	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recomplete	[ ] Change of Plans	[ ] Reperforate
[ ] Convert to Injection	[ ] Reperforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other Change of Operator	
[X] Other Change of Operator			

Approximate date work will start: _____

Date of work completion: 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature: Chris A. Potter Title: CHRIS A. POTTER, ATTORNEY-IN-FACT Date: 9/30/97

This space for State use only)

(See Instructions on Reverse Side)

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
A. ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
D. DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
DMD FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31432-00		UTU75023X
MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844 Beluga	UTU75023X
MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-~~31579-00~~	31145	UTU75023X
MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31536-00	UTU65210	
BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31537-00	UTU65210	
BALCRON FEDERAL #22-10Y	SENW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31395-00	UTU65210	

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
OCT 10 1997

RECEIVED
OCT 13 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attached BELUGA (GREEN RIVER) UNIT

Field or Unit name: See Attached API no. See Attached

Well location: QQ ____ section ___ township ___ range ___ county ____
See Attached

Effective Date of Transfer: September 30, 1997

CURRENT OPERATOR

Transfer approved by:

Name David M. McCoskery Company Equitable Resources Energy Co.

Signature [signature] Address 1601 Lewis Avenue

Title Director of Operations & Engineering Billings, MT 59102

Date 9-30-97 Phone (406) 259-7860

Comments:

NEW OPERATOR

Transfer approved by:

Name Chris A Potter Company Inland Production Company

Signature [signature] Address 475 - 17th Street, Suite 1500

Title CHRIS A. POTTER, ATTORNEY-IN-FACT Denver, CO 80202

Date 9-30-97 Phone (303) 292-0900

Comments:

(State use only)
Transfer approved by [signature] Title Manager

Approval Date 3-19-98

RECEIVED
OCT 20 1997
DIV. OF OIL, GAS & MINING

(3/89)

MONUMENT BUTTE STATE #14-2	SW SW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31425-00	UTU45555	
MONUMENT BUTTE STATE #22-2	SE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32610-00	UTU45555	
MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-~~31579-00~~	31145 mL34453B	UTU75023X
MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630

EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION
(406) 259-7860 Telephone
(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc

Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested. Call if you need anything further.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

March 2, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Beluga (Green River) Unit
Duchesne County, Utah

Gentlemen:

On February 26, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Beluga (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective March 2, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Beluga (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Beluga (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure
bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Beluga (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron/Fluid Chron
UT931:TAThompson:tt:3/2/98

Well Status Report
Utah State Office
Bureau of Land Management

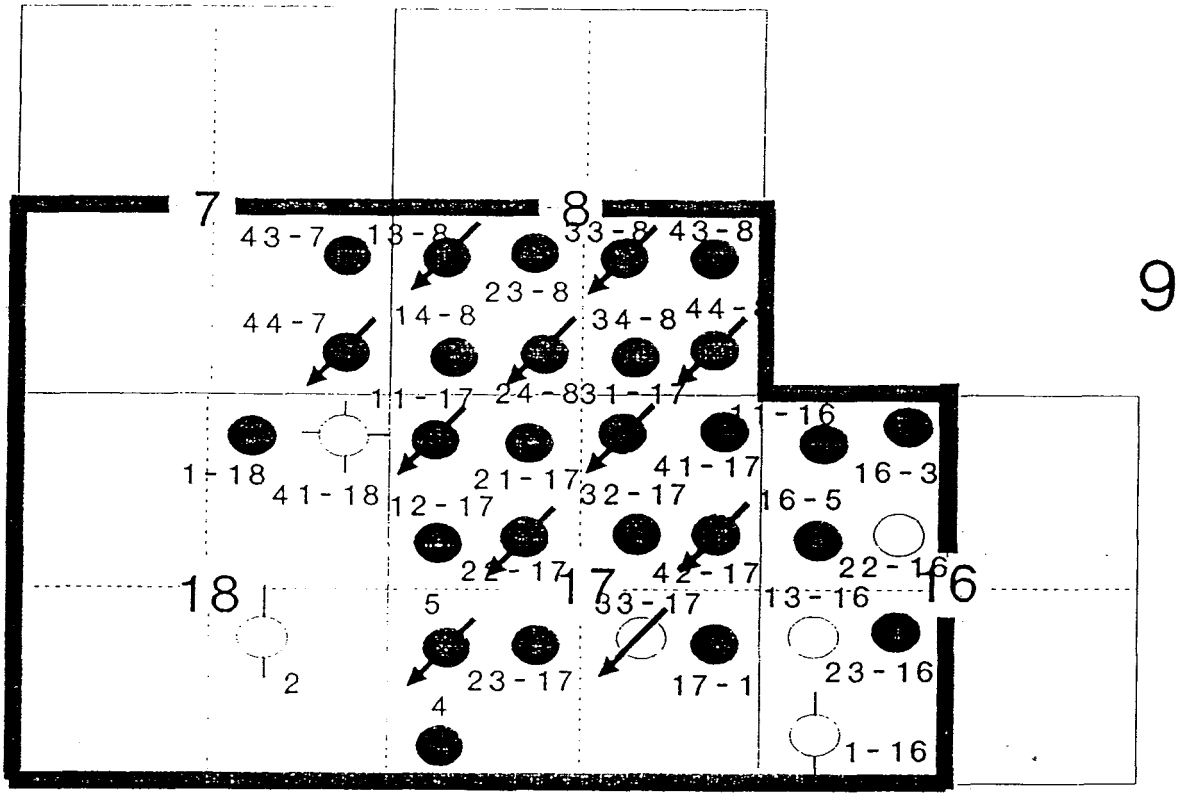
Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU75023X								
STATE	4301315582	1-16 SHELL-STATE	SWSW	16	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330332	1-18 FEDERAL	NWNE	18	T 9S	R17E	TA	EQUITABLE RESOURCES ENERGY CO
STATE	4301330616	11-16 STATE-NGC	NWNW	16	T 9S	R17E	ABD (WIW)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330516	11-17 PIUTE-FEDERAL	NWNW	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331431	12-17	SWNW	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331580	13-16-9-17B	NWSW	16	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331382	13-8 MONUMENT FED	NWSW	8	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331398	14-8 MONUMENT FED	SWSW	8	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330562	16-3 MORRIS SUE	NENW	16	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330570	16-5 DUNCAN-STATE	SWNW	16	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU44430	4301330689	17-1 FEDERAL-DMD	NESE	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330505	2 POMCO	NWSE	18	T 9S	R17E	TA	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331387	21-17 MONUMENT FED	NENW	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331145	22-16-9-17B	SENW	16	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331429	22-17 MONUMENT FED	SENW	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331578	23-16-9-17B	NESW	16	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331582	23-179-17B	NESW	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331196	23-8 MAXUS-FEDERAL	NESW	8	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330675	24-8 PIUTE-FEDERAL	SESW	8	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331428	31-17 MONUMENT BUTTE	NWNE	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331465	32-17	SWNE	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331581	33-17-9-17B	NWSE	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331427	33-8 MONUMENT FED	NWSE	8	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330778	34-8 PAIUTE	SWSE	8	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330506	4 POMCO	SWSW	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331466	41-17	NENE	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331399	41-18 BALCRON FED	NENE	18	T 9S	R17E	ABD (PA)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331467	42-17	SENE	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331432	43-7 MONUMENT BUTTE	NESE	7	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330777	43-8 PAIUTE	NESE	8	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330666	44-7 MOCOW-FEDERAL	SESE	7	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74398	4301330643	44-8-9-17	SESE	8	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330499	5 POMCO	NWSW	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO

11250

BELUGA (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: FEBRUARY 1, 1996



9S

17E

— UNIT OUTLINE (UTU75023X)

2,223.13 ACRES

SECONDARY ALLOCATION	
FEDERAL	89.74%
STATE	10.26%

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Routing:	
1-LEC	6-LEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, **effective:** 9-30-97

TO: (new operator) INLAND PRODUCTION CO.
(address) PO BOX 1446
ROOSEVELT UT 84066

Phone: (435)722-5103
Account no. N5160

FROM: (old operator) EQUITABLE RESOURCES ENERGY
(address) C/O CRAZY MTN O&G SVS'S
PO BOX 577
LAUREL MT 59044

Phone: (406)628-4164
Account no. N9890

WELL(S) attach additional page if needed: *BELUGA (GREEN RIVER) UNIT

Name	API	Entity	S	T	R	Lease
SEE ATTACHED	43-013-31427					

OPERATOR CHANGE DOCUMENTATION

Lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 3-10-97)

Lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-20-97)

N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: ___________.

Lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.

Lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (3-11-98) * Quattro Pro & DBASE (WIC) 3-11-98.

Lec 6. **Cardex** file has been updated for each well listed above. (3-11-98)

Lec 7. Well **file labels** have been updated for each well listed above. (3-11-98)

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (3-11-98)

Lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

dons\wpdocs\forms\operchng

- OVER -

OPERATOR CHANGE WORKSHEET (continued) - Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Lec 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.

N/A/Lec 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (~~FEE WELLS ONLY~~) Trust Lands - $80,000 Surety "Hartford Acc. & Indemnity Co."

N/A/Lec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.

N/A/Lec 2. A **copy of this form** has been placed in the new and former operator's bond files.

N/A/Lec 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

Lec 1. Copies of documents have been sent on 3-11-98 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

N/A/Lec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

VB 1. All attachments to this form have been **microfilmed**. Today's date: 4.14.98.

FILING

__ 1. **Copies** of all attachments to this form have been filed in each **well file**.

__ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980311 Blm/SL Aprv. 3-2-98.

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: Balcron Mon Fed 33-8 API Number: 43-013-31427
Qtr/Qtr: NW/SE Section: 8 Township: 9S Range: 17E
Company Name: Inland Production Company

Lease: State ____ Fee ____ Federal X Indian ____
Inspector: Dennis L Ingram Date: 10-04-01

Initial Conditions:

Tubing - Rate: ____ Pressure: 1800 psi

Casing/Tubing Annulus - Pressure: 1150 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	1150	1800
5	1150	1800
10	1150	1800
15	1150	1800
20	1150	1800
25	1150	1800
30	1150	1800

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1800 psi

Casing/Tubing Annulus Pressure: 1150 psi

COMMENTS: Tested for 5 year rule. Injecting during test @ 80.5 BPD @ 7533.7 TOTAL. Record test on Barton Recorder @ 9:50 am

Brent Cook
Operator Representative

DOGM Form 5
May 5, 1987

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
UTU-74108

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
N/A

OIL WELL [ ] GAS WELL [ ] OTHER [X] **Injection**

7. UNIT AGREEMENT NAME
BELUGA

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME
MONUMENT FED 33-8-9-17

3. ADDRESS OF OPERATOR
Rt. 3 Box 3630, Myton Utah 84052
435-646-3721

9. WELL NO.
MONUMENT FED 33-8-9-17

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
NW/SE Section 8, T09S R17E
1980 FSL 1980 FEL

10. FIELD AND POOL, OR WILDCAT
MONUMENT BUTTE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW/SE Section 8, T09S R17E

14 API NUMBER	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-013-31427	**5318 GR**	**DUCHESNE**	**UT**

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [ ]
REPAIR WELL [ ]	[ ]	(OTHER) [X] **5 Year MIT**	
(OTHER)	[ ]	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A 5 year MIT was conducted on the subject well. On 10/2/01 Mr. Al Craver w/ EPA and Mr. Dennis Ingram w/ State DOGM was notified of the intent to conduct a MIT the casing. On 10/4/01 the casing was pressured to 1150 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Dennis Ingram was there to witness the test. The well is shut in and waiting on permission to inject.

RECEIVED
OCT 11 2001
DIVISION OF
OIL, GAS AND MINING

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 10-12-01
By:

10-15-01
CHD

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 10/9/01
Krishna Russell

cc: BLM

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: Dennis L Ingram (DOGM) Date: 10 / 4 / 01
Test conducted by: Brent Cook
Others present: _____

Well Name: Balcron Mon Fed 33-8 Type: (ER) SWD Status: AC TA UC
Field: Beluga
Location: 33 Sec: 8 T 9 N / S R 17 E / W County: Duch State: Ut
Operator: Inland Production
Last MIT: 11 / 13 / 96 Maximum Allowable Pressure: 1855 PSIG

Is this a regularly scheduled test? [✓] Yes [ ] No
Initial test for permit? [ ] Yes [✓] No
Test after well rework? [ ] Yes [✓] No
Well injecting during test? [✓] Yes [ ] No If yes, rate: 80 bpd

Pre-test casing/tubing annulus pressure: 1150 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial pressure	1800 psig	psig	psig
End of test pressure	1800 psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	1150 psig	psig	psig
5 minutes	1150 psig	psig	psig
10 minutes	1150 psig	psig	psig
15 minutes	1150 psig	psig	psig
20 minutes	1150 psig	psig	psig
25 minutes	1150 psig	psig	psig
30 minutes	psig	psig	psig
____ minutes	psig	psig	psig
____ minutes	psig	psig	psig
RESULT	[✓] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test? [ ] Yes [ ] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: Donna L Ingram

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____ Date: / /

Do you agree with the reported test results? [ ] YES [ ] NO

If not, why? _____

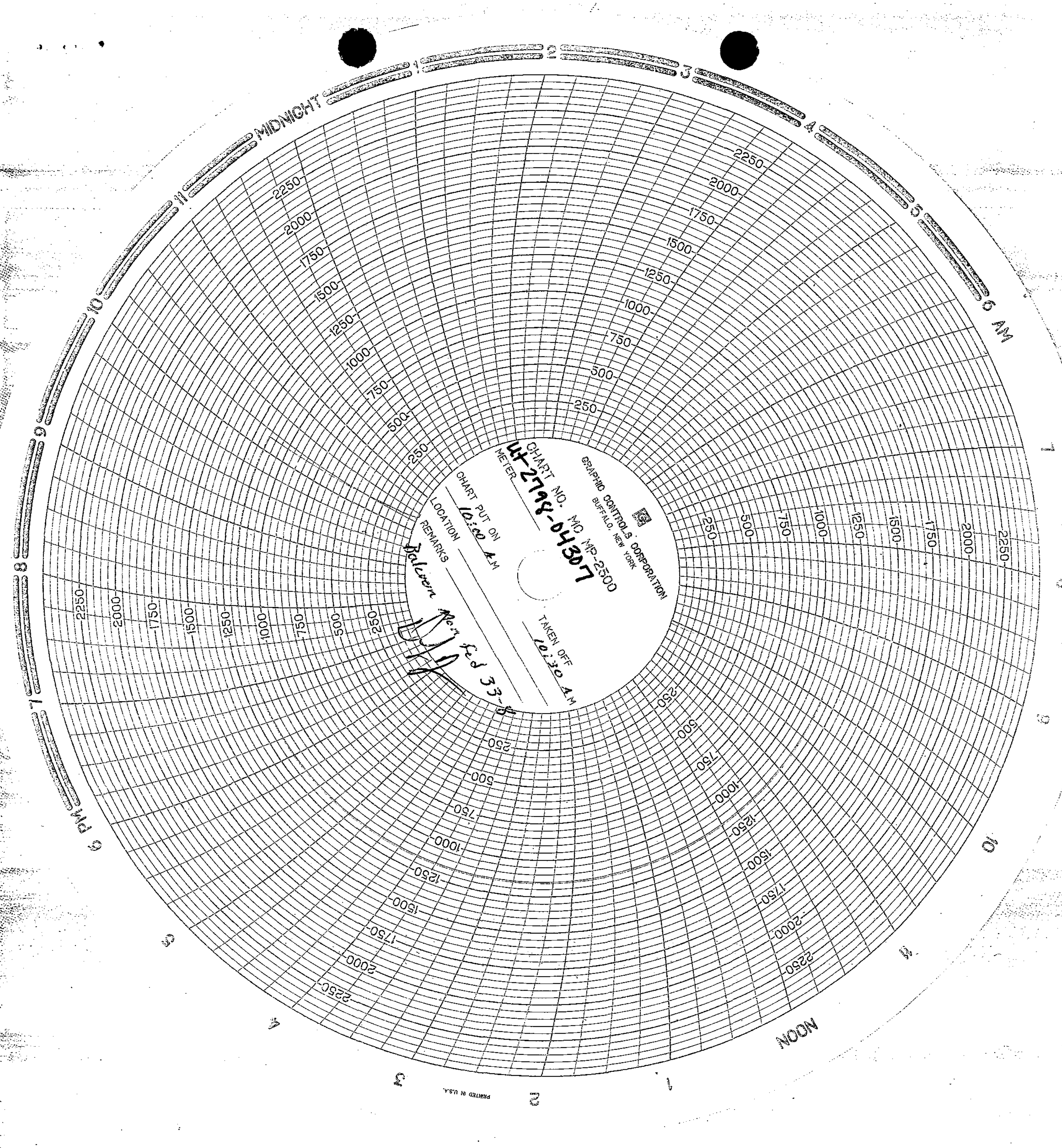
Possible violation identified? [ ] YES [ ] NO

If YES, what _____

If YES - followup initiated? [ ] YES _____

[ ] NO - why not? _____

[ ] Data Entry [ ] Compliance Staff [ ] 2nd Data Entry [ ] Hardcopy Filing


GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC MP-2500
METER
4-2798-04307
CHART PUT ON
10:00 AM
LOCATION
REMARKS
TAKEN OFF
10:30 AM
MIDNIGHT
6 AM
NOON
6 PM
PRINTED IN U.S.A.

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
AMMENDED STATEMENT OF BASIS

Applicant: Inland Production Company

Well	API Number	Location	Unit
Mon. Butte Fed. 3-25	43-013-31605	25-8S-16E	Mon. Butte NE
Mon. Butte Fed. 13-25	43-013-31513	25-8S-16E	Mon. Butte NE
State 14-32	43-013-31039	32-8S-16E	Wells Draw
Federal 44-33B	43-013-31240	33-8S-16E	Wells Draw
Mon. Butte 5-34	43-013-31499	34-8S-16E	Travis
Mon. Federal 9-34	43-013-31407	34-8S-16E	Monument Butte
Federal 23-34B	43-013-31241	34-8S-16E	Wells Draw
Mon. Federal 15-35	43-013-31264	35-8S-16E	Monument Butte
Mon. Federal 1A-35	43-013-31514	35-8S-16E	Monument Butte
MB 3-35-8-16	43-013-30608	35-8S-16E	Monument Butte
Federal 5-35	43-013-30686	35-8S-16E	Monument Butte
MB 13-35-8-16	43-013-30745	35-8S-16E	Monument Butte
MB 1-36-8-16	43-013-30592	36-8S-16E	Monument Butte
MB 13-36-8-16	43-013-30623	36-8S-16E	Monument Butte
State 5-36	43-013-30624	36-8S-16E	Monument Butte
Mon. Federal 12-25	43-047-32526	25-8S-17E	Humpback
Gilsonite St. 13-32	43-013-31403	32-8S-17E	Gilsonite
Odekirk 7-36-8-17	43-047-33078	36-8S-17E	Odekirk Spring
Mon. Federal 42-1J	43-013-31404	01-9S-16E	Jonah
Federal 41-5G	43-013-31205	05-9S-16E	Wells Draw
Castle Peak Fed. 43-5	43-013-30858	05-9S-16E	Wells Draw
Allen Fed. 1-5A	43-013-15780	05-9S-17E	Jonah
Mon. Fed. 24-6	43-013-31363	06-9S-17E	Jonah
Allen Fed. 1-6	43-013-15779	06-9S-17E	Jonah
Mon. Fed. 33-8	43-013-31427	08-9S-17E	Beluga

The wells listed above are all currently permitted Class II injection wells in the Monument Butte Secondary Recovery area. The wells are located in various secondary recovery units as shown above. Inland has requested approval to open additional perforations in these injection wells. Some of the requested perforations are above existing perforations, some are in the existing perforated interval and some are below the existing perforations. All requested perforations are within the Green River Formation which is the unitized interval for all of the Monument Butte area secondary recovery units. Cement Bond Logs were checked on all wells requesting additional perforations above the original permitted perforations. All wells have adequate

cement above the requested intervals. These requests by Inland are being treated as minor permit modifications and approval is recommended.

Reviewer(s): Brad Hill Date 03/20/2003

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure
1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

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UTU-

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77236X
77376X
78560X
79485X
79641X
80207X
81307X

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697

Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number	API Number
See Attached List	
Location of Well	Field or Unit Name
Footage : County :	See Attached List
QQ, Section, Township, Range: State : UTAH	Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: Brian Harris
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone:
Comments:

Name: Brian Harris
Signature: Brian Harris
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: [signature]
Title: Petr. Services Manager

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

(5/2000)

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **9/1/2004**

FROM: (Old Operator):	**TO:** (New Operator):
N5160-Inland Production Company	N2695-Newfield Production Company
Route 3 Box 3630	Route 3 Box 3630
Myton, UT 84052	Myton, UT 84052
Phone: 1-(435) 646-3721	Phone: 1-(435) 646-3721

CA No. **Unit:** **BELUGA (GREEN RIVER)**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MONUMENT FED 43-7	07	090S	170E	4301331432	11880	Federal	OW	P
BELUGA 15-7-9-17	07	090S	170E	4301331579	11880	Federal	OW	P
BELUGA 10-7-9-17	07	090S	170E	4301332048	11880	Federal	WI	A
BELUGA 14-7-9-17	07	090S	170E	4301332049	11880	Federal	WI	A
MON FED 33-8	08	090S	170E	4301331427	11880	Federal	WI	A
MON ST 23-16-9-17B	16	090S	170E	4301331578	11880	State	OW	P
MON ST 13-16-9-17B	16	090S	170E	4301331580	11880	State	WI	A
MON FED 31-17	17	090S	170E	4301331428	11880	Federal	WI	A
MON FED 22-17	17	090S	170E	4301331429	11880	Federal	WI	A
BALCRON MON FED 12-17	17	090S	170E	4301331431	11880	Federal	OW	P
MONUMENT FED 32-17	17	090S	170E	4301331465	11880	Federal	OW	P
MONUMENT FED 41-17	17	090S	170E	4301331466	11880	Federal	OW	P
BALCRON MON FED 42-17	17	090S	170E	4301331467	11880	Federal	WI	A
MON FED 33-17-9-17B	17	090S	170E	4301331581	11880	Federal	WI	A
MON FED 23-17-9-17B	17	090S	170E	4301331582	11880	Federal	OW	P
BELUGA 3-18-9-17	18	090S	170E	4301332050	11880	Federal	OW	P
BELUGA 7-18-9-17	18	090S	170E	4301332051	11880	Federal	OW	TA
BELUGA 8-18-9-17	18	090S	170E	4301332052	11880	Federal	WI	A
BELUGA 9-18-9-17	18	090S	170E	4301332053	11880	Federal	OW	P
BELUGA U 4-18-9-17	18	090S	170E	4301332274	11880	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU74108

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

› not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: BELUGA UNIT

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Injection well

8. WELL NAME and NUMBER: MON FED 33-8

2. NAME OF OPERATOR: Newfield Production Company

9. API NUMBER: 4301331427

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: Monument Butte

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1980 FSL 1980 FEL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW/SE, 8, T9S, R17E

STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of Work Completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
09/12/2005	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: -
	☐ CONVERT WELL TYPE	☒ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was recompleted in the Green River Formation. Four new intervals were perferated. The A3 sds @ 5074-5080'; A1 sds @ 5024-5030', 5010-5016', B2 sds @ 4898-4904', DS3 sds @ 4522-4534 & PB10 sds @ 4312-4320' all with 4 JSPF for a total of 176 shots. On 9-6-05 Nathan Wisner with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 9-7-05. On 9-7-05 the csg was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1500 psig during the test. There was not an EPA representative available to witness the test.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager

SIGNATURE Kathy Chapman DATE 09/12/2005

(This space for State use only)

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
UTU74108

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.
BELUGA UNIT

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Injection well

8. Well Name and No.
MON FED 33-8

2. Name of Operator
Newfield Production Company

9. API Well No.
4301331427

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone No. *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
Monument Butte

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1980 FSL 1980 FEL
NW/SE Section 8 T9S R17E

11. County or Parish, State
Duchesne,UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production(Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☒ Recomplete	☐ Other _____
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to Injector	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well was recompleted in the Green River Formation. Four new intervals were perferated. The A3 sds @ 5074-5080'; A1 sds @ 5024-5030', 5010-5016', B2 sds @ 4898-4904', DS3 sds @ 4522-4534 & PB10 sds @ 4312-4320' all with 4 JSPF for a total of 176 shots. On 9-6-05 Nathan Wisner with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 9-7-05. On 9-7-05 the csg was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1500 psig during the test. There was not an EPA representative available to witness the test.

I hereby certify that the foregoing is true and correct
Name *(Printed/ Typed)*
Kathy Chapman

Title
Office Manager

Signature

Date
09/12/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

Form Approved. OMB No 2000-0042. Approval expires 9-30-86

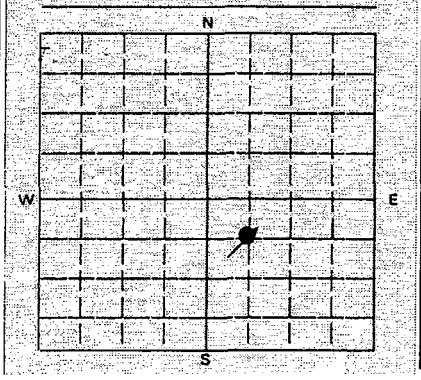
EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE	NAME AND ADDRESS OF CONTRACTOR
Newfield Production Company 410 17th Street, Suite 700 Denver, Colorado 80202-4402	Same as Permittee

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE	COUNTY	PERMIT NUMBER
Utah	Duchesne	U-74108

SURFACE LOCATION DESCRIPTION
¼ OF NW ¼ OF SE SECTION 8 TOWNSHIP 9 RANGE 17

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 1980 ft. from (N/S) S Line of quarter section
and 1980 ft. from (E/W) E Line of quarter section

WELL ACTIVITY	Total Depth Before Rework	TYPE OF PERMIT
☐ Brine Disposal	5700	☒ Individual
☒ Enhanced Recovery	Total Depth After Rework	☐ Area
☐ Hydrocarbon Storage	5700	Number of Wells 1
Lease Name	Date Rework Commenced	Well Number
Monument Federal	8/1/2005	33-8-9-17
	Date Rework Completed	
	8/4/2005	

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8 5/8"	262	150	Class G	5444	5463	Perf and fraced
5 1/2	5682	132	Thrifty lite	4656	4662	Pref and fraced
		257	50/50 POZ	4104	4144	Perf and fraced

WELL CASING RECORD -- AFTER REWORK *(Indicate Additions and Changes Only)*

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
				5010	5080	Perf A3 & S1 and fraced
				4898	4904	Perf B2 and fraced
				4522	4534	Perf DS3 and fraced
				4312	4320	Perf PB10 and fraced

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS, LIST EACH TYPE Log Types	 Logged Intervals
See attached "Daily Workover Report"		

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I amaware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE *(Please type or print)*	SIGNATURE	DATE SIGNED
Kathy Chapman Office Manager	Kathy Chapman	September 13, 2005

EPA Form 7520-12 (2-84)

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 9/07/05
Test conducted by: J.D. Horrocks
Others present: _____

Well Name: Balcron Monument Fed. 33-8-9-17 Type: ER SWD Status: AC TA UC
Field: Beluga
Location: NW/SE Sec: 8 T 9 N/S R 17 E/W County: Duchesne State: Ut
Operator: Newfield
Last MIT: / / Maximum Allowable Pressure: 1855 PSIG

Is this a regularly scheduled test? [ ] Yes [X] No
Initial test for permit? [ ] Yes [X] No
Test after well rework? [X] Yes [ ] No
Well injecting during test? [ ] Yes [X] No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	500 psig	psig	psig
End of test pressure	500 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1340 psig	psig	psig
5 minutes	1340 psig	psig	psig
10 minutes	1340 psig	psig	psig
15 minutes	1340 psig	psig	psig
20 minutes	1340 psig	psig	psig
25 minutes	1340 psig	psig	psig
30 minutes	1340 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

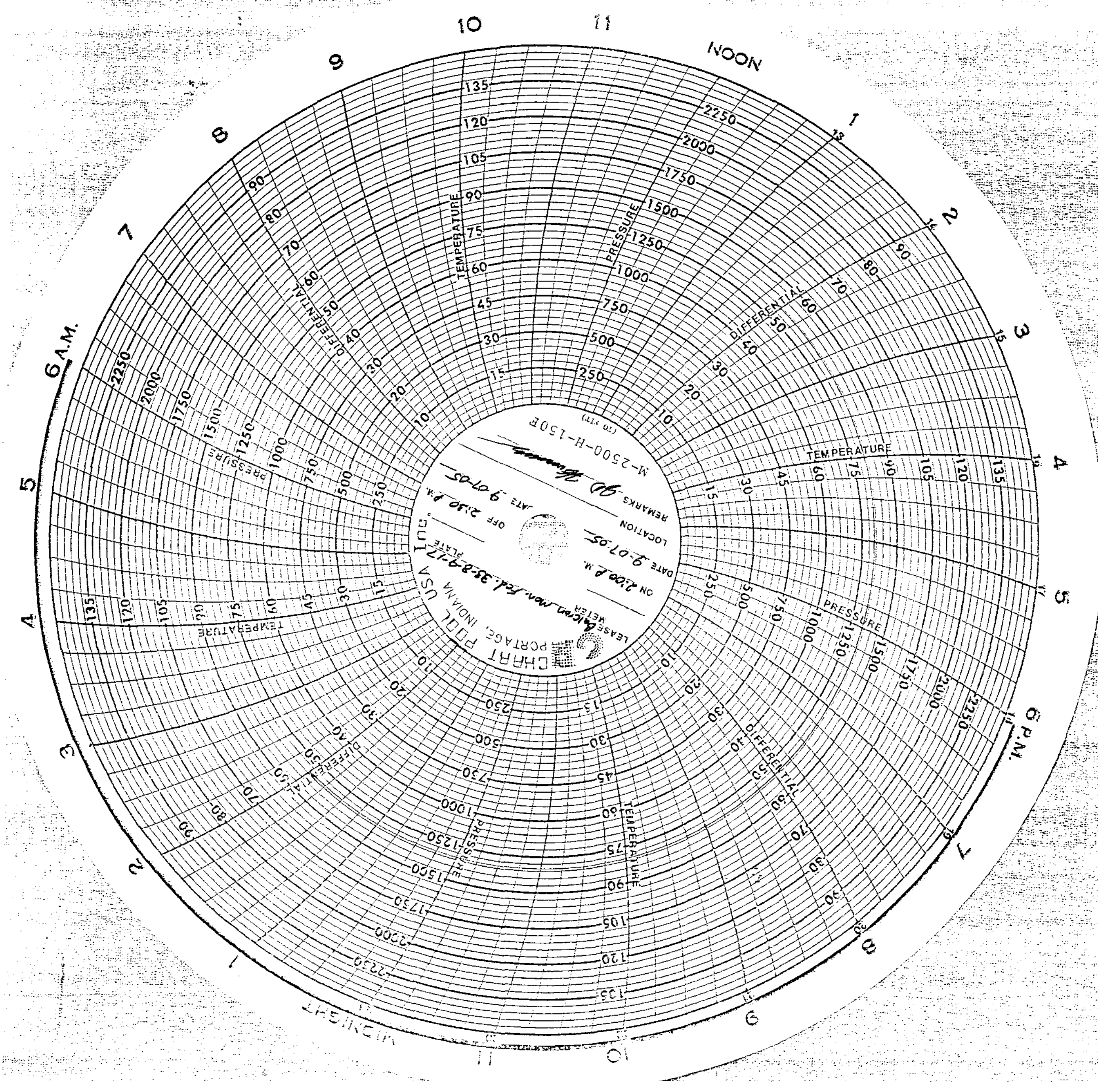
Does the annulus pressure build back up after the test ? [ ] Yes [X] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

_____

Signature of Witness: _____



NOON
6 A.M.
6 P.M.
MIDNIGHT
TEMPERATURE
PRESSURE
DIFFERENTIAL
M-2500-H-150E
REMARKS
LOCATION
DATE 9-07-05
ON 2:00 P.M.
OFF 2:30 P.M.
LEASE
METER
PLATE
CHART POOL USA INC.
PORTAGE, INDIANA

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74108

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: BELUGA UNIT

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: MON FED 33-8

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301331427

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1980 FSL 1980 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 8, T9S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[ ] OTHER: -
09/12/2005	[ ] CONVERT WELL TYPE	[X] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was recompleted in the Green River Formation. Four new intervals were perforated. The A3 sds @ 5074-5080'; A1 sds @ 5024-5030', 5010-5016', B2 sds @ 4898-4904', DS3 sds @ 4522-4534 & PB10 sds @ 4312-4320' all with 4 JSPF for a total of 176 shots. On 9-6-05 Nathan Wisner with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 9-7-05. On 9-7-05 the csg was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1500 psig during the test. There was not an EPA representative available to witness the test.

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager

SIGNATURE Kathy Chapman DATE 09/12/2005

(This space for State use only)

RECEIVED
FEB 11 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74108
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
GMBU
8. WELL NAME and NUMBER:
MON FED 33-8
9. API NUMBER:
4301331427
10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1980 FSL 1980 FEL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 8, T9S, R17E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
08/05/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Five Year MIT
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 07/26/2010 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 08/05/2010 the casing was pressured up to 1490 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1720 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20798-04307 API# 43-013-31427

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE DATE 08/06/2010

(This space for State use only)

RECEIVED
AUG 11 2010

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 8 / 5 / 10
Test conducted by: Scott Sims
Others present: _____

Well Name: Monument Federal 33-8-9-17 Type: ER SWD Status: AC TA UC
Field: Monument Butte
Location: 33-8-9-17 Sec: 8 T 9 N/S R 17 E/W County: Duchesne State: UT
Operator: Newfield
Last MIT: / / Maximum Allowable Pressure: 1855 PSIG

Is this a regularly scheduled test? [✓] Yes [ ] No
Initial test for permit? [ ] Yes [✓] No
Test after well rework? [ ] Yes [✓] No
Well injecting during test? [ ] Yes [ ] No If Yes, rate: 0 bpd

Pre-test casing/tubing annulus pressure: 0 psig

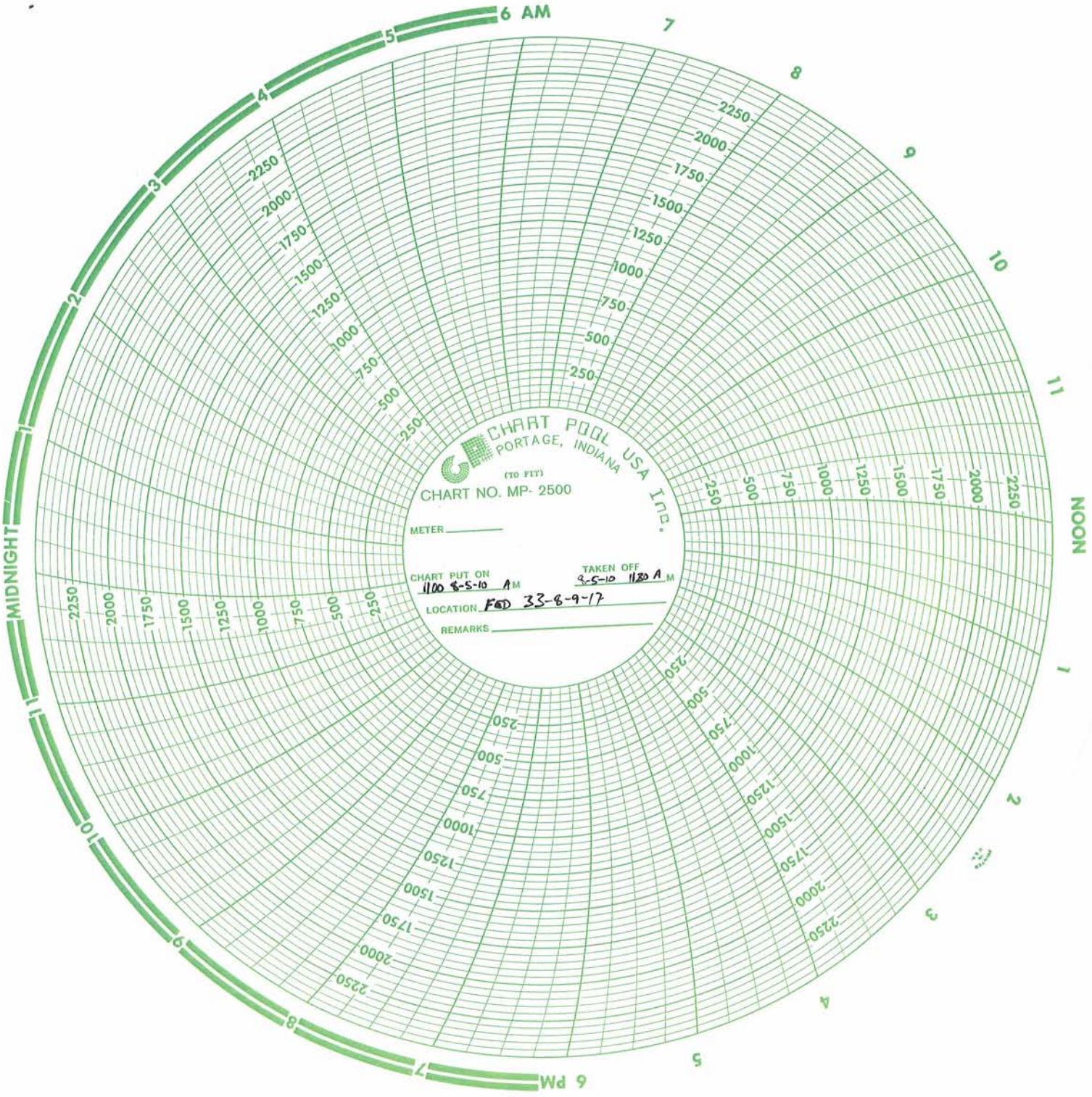
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	1720 psig	psig	psig
End of test pressure	1720 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1490 psig	psig	psig
5 minutes	1490 psig	psig	psig
10 minutes	1490 psig	psig	psig
15 minutes	1490 psig	psig	psig
20 minutes	1490 psig	psig	psig
25 minutes	1490 psig	psig	psig
30 minutes	1490 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [X] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____


6 AM
NOON
6 PM
MIDNIGHT
CHART POOL USA Inc.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP- 2500
METER
CHART PUT ON 1100 8-5-10 AM
TAKEN OFF 9-5-10 1130 AM
LOCATION FED 33-8-9-17
REMARKS
250
500
750
1000
1250
1500
1750
2000
2250

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-7978

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: MON FED 33-8

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013314270000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980 FSL 1980 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 08 Township: 09.0S Range: 17.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 6/30/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: 5 YR MIT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

5 YR MIT performed on the above listed well. On 06/30/2015 the casing was pressured up to 1151 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1630 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04307

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
July 08, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 7/1/2015

RECEIVED: Jul. 01, 2015

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 6 / 30 / 15
Test conducted by: Jonny Daniels
Others present: _____

-04307

Well Name: Monument Fed. 33-8-9-17 Type: ER SWD Status: AC TA UC
Field: GMBU
Location: NW/SE Sec: 8 T 9 N/S R 17 E/W County: Duchesne State: UT
Operator: NFX
Last MIT: / / Maximum Allowable Pressure: 1767 PSIG

Is this a regularly scheduled test? [X] Yes [ ] No
Initial test for permit? [ ] Yes [ ] No
Test after well rework? [ ] Yes [ ] No
Well injecting during test? [ ] Yes [X] No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

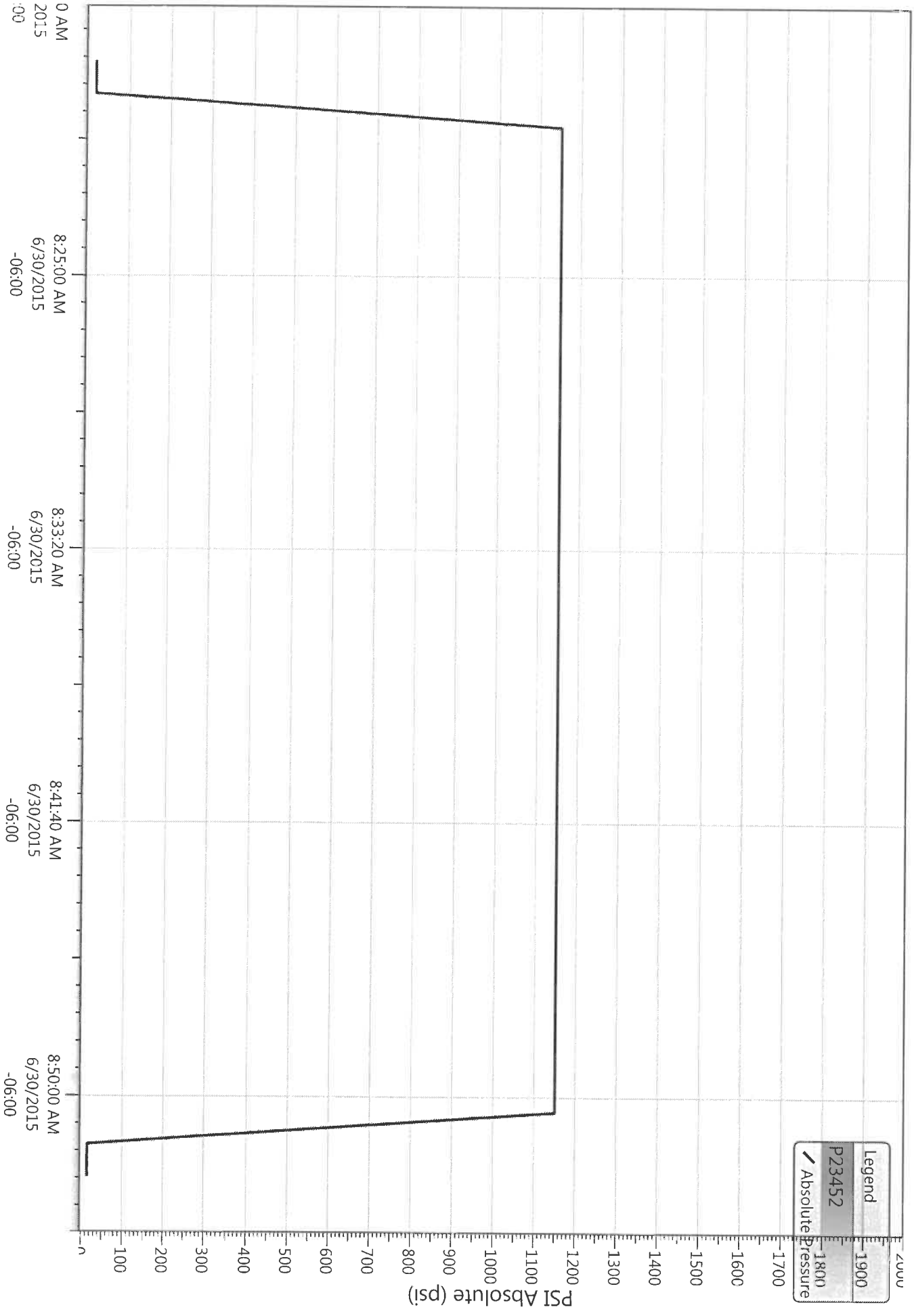
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	1630 psig	psig	psig
End of test pressure	1630 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1151 psig	psig	psig
5 minutes	1150 psig	psig	psig
10 minutes	1151 psig	psig	psig
15 minutes	1151 psig	psig	psig
20 minutes	1151 psig	psig	psig
25 minutes	1151 psig	psig	psig
30 minutes	1151 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [X] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____


Monument Fed. 33-8-9-17
6/30/2015 8:18:14 AM
Legend
P23452
Absolute Pressure
PSI Absolute (psi)
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
8:25:00 AM
6/30/2015
-06:00
8:33:20 AM
6/30/2015
-06:00
8:41:40 AM
6/30/2015
-06:00
8:50:00 AM
6/30/2015
-06:00

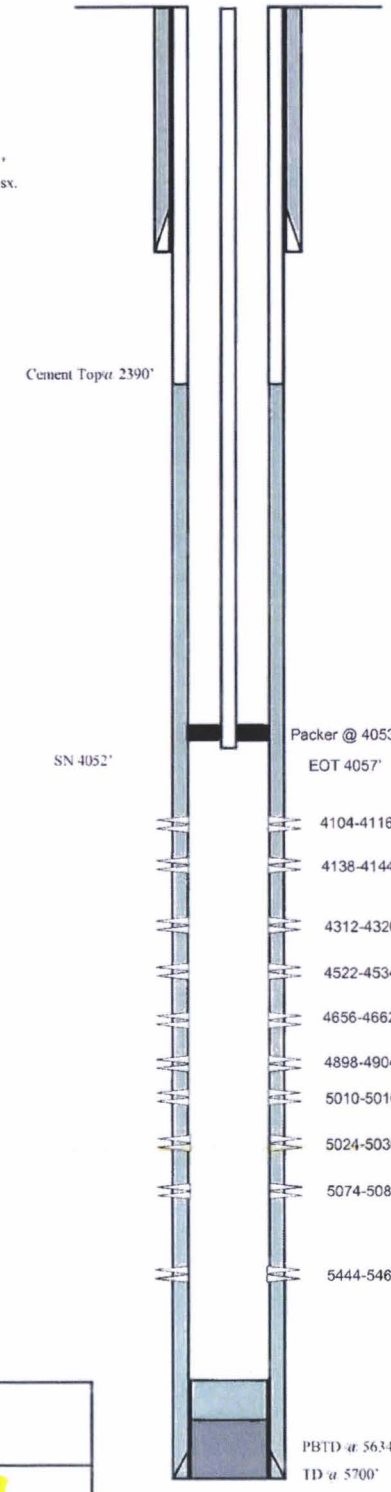
Monument Federal 33-8-9-17

Spud Date: 2-14-94
Put on Production: 3/30/94
Put on Injection: 12/1/96

GL: 5318.6' KB: 5328.6' KB

Initial Production: 65 BO, 200 MCF, 0 BWPD.

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE:	8-5/8"
GRADE:	J-55
WEIGHT:	24#
LENGTH:	254.03' (6 jts)
DEPTH LANDED:	262' KB
HOLE SIZE:	12-1/4"
CEMENT DATA:	Western - 150 sxs Class "G" + (2% CCl + 1/4 Celeflake)per sx.

PRODUCTION CASING

CSG SIZE:	5-1/2"
GRADE:	K-55
WEIGHT:	15.5#
LENGTH:	5672.25' (129 jts)
DEPTH LANDED:	5682.25' KB
HOLE SIZE:	7-7/8"
CEMENT DATA:	132 sxs Thrifty-lite and tail w/257 sxs 50-50 POZ.
CEMENT TOP AT:	2390' KB

TUBING RECORD

SIZE/GRADE/WT.:	2-7/8" J-55 6.5#
NO. OF JOINTS:	131 Jts (4038.25')
SEATING NIPPLE:	2-7/8"x1.10'
SEATING NIPPLE:	4048.25' KB
ARROW SET 1 PACKER:	2-3/8"x5-1/2"x7.30'
PACKER SET AT:	4052.60' KB
TOTAL LENGTH: EOT @	4056.77' KB

FRAC JOB

3/3/93	5444' - 5463'	**Frac zone as follows:** 24,500# 20/40 mesh sand + & 25,300# 16/30 mesh sand in 358 bbls 2% KCL wtr. Treat with ave pressure 1700 psi, @ 26 BPM. ISIP 1650 psi. Calc flush: 5444 gal. Actual flush: 5441 gal.
3/7/94	4656' - 4662'	**Frac zone as follows:** 18,100# 16/30 mesh sand in 160 bbls 2% KCL wtr. Treat with ave pressure 2700 psi, @ 20.2 BPM. ISIP 2150 psi. Calc flush: 4656 gal. Actual flush: 3086 gal.
3/9/94	4104' - 4144'	**Frac zone as follows:** 52,200# 16/30 mesh sand in 407 bbls 2% KCL wtr. Treat with ave pressure 2500 psi, @ 24.7 BPM. ISIP 1750 psi. Calc flush: 4104 gal. Actual flush: 2730 gal.
11/13/96		**Convert to injector.**
8-3-05	5010-5080'	**Frac A3 & A1 zone as follows:** 39464#'s 20/40 sand in 333 bbls of Lightning 17 frac fluid. Treat with ave pressure 2722 psi, @ 14.3 BPM. ISIP 1780 psi. Calc flush: 1319 gal. Actual flush: 1189 gal.
8-3-05	4898-4904'	**Frac B2 zone as follows:** 15245#'s 20/40 sand in 171 bbls of Lightning 17 frac fluid. Treat with ave pressure 3052 psi, @ 14.3 BPM. ISIP 2200 psi. Calc flush: 1280 gal. Actual flush: 1198 gal.
8-3-05	4522-4534'	**Frac DS3 zone as follows:** 20329#'s 20/40 sand in 197 bbls of Lightning 17 frac fluid. Treat with ave pressure 3172 psi, @ 14.3 BPM. ISIP 2700 psi. Calc flush: 1195 gal. Actual flush: 1084 gal.
8-3-05	4312-4320'	**Frac PB10 zone as follows:** 20577#'s 20/40 sand in 194 bbls of Lightning 17 frac fluid. Treat with ave pressure 3011 psi, @ 14.3 BPM. ISIP 2380 psi. Calc flush: 1299 gal. Actual flush: 996 gal.
08-05-10		**5 yr MIT**

PERFORATION RECORD

3/9/94	4104' - 4116'	(12')	4 SPF
3/9/94	4138' - 4144'	(6')	4 SPF
Communication between 4104' - 4116' & 4138' - 4144'			
3/7/94	4656' - 4662'	(6')	4 SPF
3/2/94	5444' - 5463'	(19')	4 SPF
8-2-05	5074-5080'	4 JSPF	76 holes
8-2-05	5024-5030'	4 JSPF	24 holes
8-2-05	5010-5016'	4 JSPF	24 holes
8-2-05	4898-4904'	4 JSPF	24 holes
8-2-05	4522-4534'	4 JSPF	48 holes
8-2-05	4312-4320'	4 JSPF	32 holes

NEWFIELD

Balcron Monument Federal 33-8-9-17
1980' FSL & 1980' FEL
NW SE Section 8-T9S-R17E
Duchesne Co, Utah
API #43-013-31427; Lease #U-74108

LCN 10-08-10

EQUITABLE **RESOURCES**
ENERGY COMPANY
BALCRON OIL DIVISION

WELL NAME: **BALCRON MONUMENT FEDERAL #33-8**
FIELD: Monument Butte Field (Beluga Unit)
FEDERAL LEASE NO.: U-7978
LOCATION: NW SE Section 8, T9S, R17E
FOOTAGE: 1980' FSL, 1980' FEL
COUNTY/STATE: Duchesne County, Utah
WORKING INTEREST: 0.91491728
PRODUCING FORMATION: Green River
COMPLETION DATE: 3-30-94
INITIAL PRODUCTION: 65 BO, 200 MCF
OIL/GAS PURCHASER: Amoco
PRESENT PROD STATUS: WO Surface Equipment
ELEVATIONS - GROUND: 5,318.6' GL
TOTAL DEPTH: 5,700' KB

DATE : 11/2/95 vk

API NO.: 43-013-31427

NET REVENUE INTEREST: 0.80471769 Oil
0.73108274 Gas
SPUD DATE: 2/14/94
OIL GRAVITY: 34
BHT:

KB: 5,328.6' KB (10' KB)
PLUG BACK TD: 5633.74' KB

SURFACE CASING

STRING: 1
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts (254.03')
DEPTH LANDED: 262' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: Western - 150 sxs Class "G" +
(2% CCl + 1/4 Celeflake)per sx.

PRODUCTION CASING

STRING: 1
CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5 #
LENGTH: 129 jts (5672.25')
DEPTH LANDED: 5681.25' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 132 sxs Thrifty-lite and
tail w/257 sxs 50-50 POZ.

CEMENT TOP AT: 2390' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8", EUE, J-55, 6.5#
NO. OF JOINTS: 128 jts @ 4049.21'
TUBING ANCHOR: 2-7/8" x 5-1/2" (Trico)
NO. OF JOINTS: 45 jts @ 1410.45'
SEATING NIPPLE: 2-7/8" x 1.10'
PERFORATED SUB: 2-7/8" x 3'
MUD ANCHOR: 2 7/8" x 30.52'
TOTAL STRING LENGTH: 5495'
SN LANDED AT: 5473.11' KB

PERFORATION RECORD

3/9/94	4104' - 4116'	(12')	4 SPF	Y3
3/9/94	4138' - 4144'	(6')	4 SPF	Y3
Communication between 4104' - 4116' & 4138' - 4144'				
3/7/94	4656' - 4662'	(6')	4 SPF	R2
3/2/94	5444' - 5463'	(19')	4 SPF	B1

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22' Polish Rod
SUCKER RODS: 1 - 3/4" x 4' Pony
218 - 3/4"x 25' D-61 Rods

TOTAL ROD STRING LENGTH: 5470.5'

PUMP NUMBER: 1041 (Trico)
PUMP SIZE: 2.5"x1.5"x16' RWAC w/PA plunger

STROKE LENGTH: 87"
PUMP SPEED, SPM: 4.5
PUMPING UNIT SIZE: LUFKIN LM-228D-213-86T
PRIME MOVER: AJAX CMA 8-1/2" x 10"

LOGS: IPLT, ALT, MSC

Well was cored on 2-26-94.

ACID JOB / BREAKDOWN JOB

3-3-94: 5444' - 5463'	500 gallons 15% HCL. Balled off. ATP 2300 psi, max 4590 psi. ATR 7 bpm, max-7 bpm, ISIP 1200 psi, rate 13 bpm @ 5000 psi
3-7-94: 4656' - 4662'	500 gals 15% HCL. Good ball action. ATP-3300 psi, max 5000 psi. ATR 3.2 bpm, max 3.9 bpm ISIP 1600 psi, Rate 20 bpm @ 5290 psi
3-9-94: 4104' - 4116'	500 gals 15% HCL. Balled Off. ATP 2600 psi, max 4950 psi. ATR 4 bpm, max 4 bpm, ISIP 430 psi Pump for rate 9.1 bpm @ 2150 psi
3-9-94: 4138' - 4144'	500 gals 15% HCL. No Ball Off. ATP 1500 psi, max 2600 psi. ATR 3 bpm, max 8.9 bpm, ISIP 850 psi Pump for rate 8 bpm @ 2600 psi

EQUITABLE **RESOURCES**
ENERGY COMPANY
BALCRON OIL DIVISION

BALCRON MONUMENT FEDERAL #33-8
NW SE Section 8, T9S, R17E
1980' FSL, 1980' FEL
LEASE No. U-7978
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

11/3/95 vk

WELL DATA SHEET CONTINUED
PAGE TWO

FRAC JOB

3-3-93: 5444' - 5463'	24,500# 20/40 mesh sand & 25,300# 16/30 mesh sand in 5441 gals 2% KCL wtr. Ave pressure 1700 psi, max 2150 psi. Avg rate 26 BPM max 28.1 BPM. ISIP 1650 5 min 1480#, 10 min 1350# 15 min 1240#, run trace isotope.
3-7-94: 4656' - 4662'	18,100# 16/30 mesh sand in 5700 gals 2% KCL wtr. Avg Press 2700 psi, max 3550 psi. Ave Rate 20.2 BPM max 20.5 BPM. ISIP 2150 psi, 5 min 1580 psi, 10 min 1400 psi, 15 min 1340 psi.
3-9-94: 4104' - 4144' & 4138' - 4144'	52,200# 16/30 mesh sand in 19,830 gals 2% KCL wtr. Avg Press 2500 psi, max 2950 psi. Avg Rate 24.7 BPM, max 25.1 BPM. ISIP 1750 psi, 5 min 1400 psi 10 min-1350, 15 min-1320

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION

BALCRON MONUMENT FEDERAL #33-8
NW SE Section 8, T9S, R17E
1980' FSL, 1980' FEL
LEASE No. U-7978
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

ev.GR - 5318.6' GL
ev.KB - 5328.6' KB (10' KB)

WELLBORE DIAGRAM

DATE : 11/3/95 vk

URFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254.03' (6 jts)
DEPTH LANDED: 262' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: Western - 150 sxs Class "G" + (2% CCl + 1/4 Celeflake)per sx.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5672.25' (129 jts)
DEPTH LANDED: 5681.25
HOLE SIZE: 7-7/8"
CEMENT DATA: 132 sxs Thrifty-lite and tail w/257 sxs 50-50 POZ.
CEMENT TOP AT: 2390' KB

TUBING

SIZE/GRADE/WT.: 2-7/8", EUE J-55, 6.5#
NO. OF JOINTS: 128 jts @ 4049.21'
TUBING ANCHOR: 2-1/2" x 5-1/2" (Trico)
NO. OF JOINTS: 45 jts @ 1410.45'
SEATING NIPPLE: 2-7/8" x 1.10'
PERFORATED SUB: 2-7/8" x 3'
MUD ANCHOR: 1 jt @ 30.52'
STRING LENGTH: 5495'
SN LANDED AT: 5473.11' KB

SUCKER RODS

POLISHED ROD: 1-1/4" X 22'
SUCKER RODS: 1 - 3/4" X 4' PONY
218 - 3/4" X 25' D-61 Rods

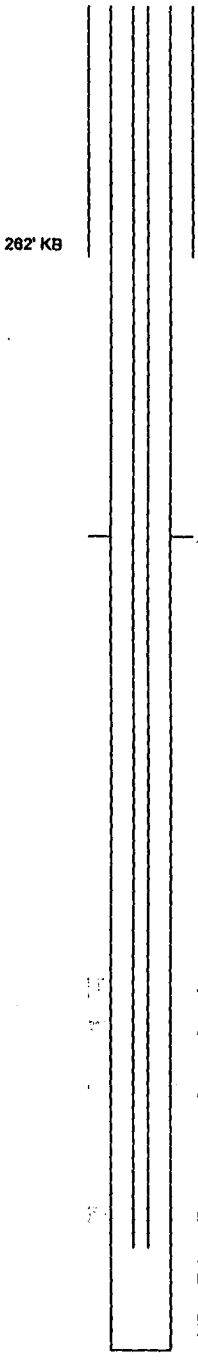
STRING LENGTH: 5471.5'

PUMP NUMBER: 1041 (Trico)
PUMP SIZE: 2.5"x1.5"x16' RWAC w/PA plunger

STROKE LENGTH: 87"
PUMP SPEED, SPM: 4.5
PUMPING UNIT: LUFKIN LM-228D-213-86T
PRIME MOVER: AJAX CMA 8-1/2" x 10"

LOGS: IPLT, ALT, MSC

Well was cored on 2-26-94.



ACID JOB /BREAKDOWN

3-3-94: 5444' - 5463'	500 gallons 15% HCL. Balled off. ATP 2300 psi, max 4590 psi. ATR 7 bpm, max-7 bpm, ISIP 1200 psi, rate 13 bpm @ 5000 psi
3-7-94: 4656' - 4662'	500 gals 15% HCL. Good ball action. ATP-3300 psi, max 5000 psi. ATR 3.2 bpm, max 3.9 bpm ISIP 1600 psi, Rate 20 bpm @ 5290 psi
3-9-94: 4104' - 4116'	500 gals 15% HCL. Balled Off. ATP 2600 psi, max 4950 psi. ATR 4 bpm, max 4 bpm, ISIP 430 psi Pump for rate 9.1 bpm @ 2150 psi
3-9-94: 4138' - 4144'	500 gals 15% HCL. No Ball Off. ATP 1500 psi, max 2600 psi. ATR 3 bpm, max 8.9 bpm, ISIP 850 psi Pump for rate 8 bpm @ 2600 psi

FRAC JOB

3-3-93: 5444' - 5463'	24,500# 20/40 mesh sand & 25,300# 16/30 mesh sand in 5441 gals 2% KCL wtr. Ave pressure 1700 psi, max 2150 psi. Avg rate 28 BPM max 28.1 BPM. ISIP 1650 5 min 1480#, 10 min 1350# 15 min 1240#,run trace isotope.
3-7-94: 4656' - 4662'	18,100# 16/30 mesh sand in 5700 gals 2% KCL wtr. Avg Press 2700 psi, max 3550 psi. Ave Rate 20.2 BPM max 20.5 BPM. ISIP 2150 psi, 5 min 1580 psi, 10 min 1400 psi, 15 min 1340 psi.
3-9-94: 4104' - 4144' & 4138' - 4144'	52,200# 16/30 mesh sand in 19,830 gals 2% KCL wtr. Avg Press 2500 psi, max 2950 psi. Avg Rate 24.7 BPM, max 25.1 BPM. ISIP 1750 psi, 5 min 1400 psi 10 min-1350, 15 min-1320

PERFORATION RECORD

3/9/94	4104' - 4116'	(12') 4 SPF	Y3	1
3/9/94	4138' - 4144'	(6') 4 SPF	Y3	2
Communication between 4104' - 4116' & 4138' - 4144'				3
3/7/94	4656' - 4662'	(6') 4 SPF	R2	4
3/2/94	5444' - 5463'	(19') 4 SPF	B1	5
				6

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION

BALCRON MONUMENT FEDERAL #33-8
NW SE Section 8, T9S, R17E
1980' FSL, 1980' FEL
LEASE No. U-7978
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Elev.GR - 5318.6' GL
Elev.KB - 5328.6' KB (10' KB)

Proposed Injection Wellbore Diagram

DATE : 3/22/96 JZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254.03' (6 jts)
DEPTH LANDED: 262' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: Western - 150 sxs Class "G" + (2% CCI + 1/4 Celeflake)per sx.

262' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5672.25' (129 jts)
DEPTH LANDED: 5682.25' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 132 sxs Thrifty-lite and tail w/257 sxs 50-50 POZ.
CEMENT TOP AT: 2390' KB

Uinta Formation Surface to 1450 ft.

TOC @ 2390' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 4034'
SEATING NIPPLE: 2-7/8" X 1.1'
ARROW SET 1 PACKER: 5-1/2" X 4'
PACKER SET AT: 4044' KB

PERFORATION RECORD

3/9/94	4104' - 4116'	(12')	4 SPF	Y3
3/9/94	4138' - 4144'	(6')	4 SPF	Y3
Communication between 4104' - 4116' & 4138' - 4144'				
3/7/94	4656' - 4662'	(6')	4 SPF	R2
3/2/94	5444' - 5463'	(19')	4 SPF	B1

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER
SET @ 4044' KB

4104' - 16'

4138' - 44'

4656' - 62'

5444' - 63'

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5633.74' KB
TD @ 5700' KB

Wasatch Formation 5950 ft.

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EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION

BALCRON MONUMENT FEDERAL #33-8
NW SE Section 8, T9S, R17E
1980' FSL, 1980' FEL
LEASE No. U-7978
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Elev.GR - 5318.6' GL
Elev.KB - 5328.6' KB (10' KB)

Proposed Plugging & Abandonment Diagram

DATE : 3/22/96 JZ

Permanent P&A marker w/ identifying well information.

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254.03' (6 jts)
DEPTH LANDED: 262' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: Western - 150 sxs Class "G" + (2% CCI + 1/4 Celeflake)per sx.

262' KB

Plug No.2 Surface to 362 ft.
Perforate csg at 100 ft below the surface csg shoe & circulate 100 sx of Class-G Cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5672.25' (129 jts)
DEPTH LANDED: 5682.25' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 132 sxs Thrifty-lite and tail w/257 sxs 50-50 POZ.
CEMENT TOP AT: 2390' KB

Uinta Formation Surface to 1450 ft.

TOC @ 2390' KB

PERFORATION RECORD

3/9/94	4104' - 4116'	(12')	4 SPF	Y3
3/9/94	4138' - 4144'	(6')	4 SPF	Y3
Communication between 4104' - 4116' & 4138' - 4144'				
3/7/94	4656' - 4662'	(6')	4 SPF	R2
3/2/94	5444' - 5463'	(19')	4 SPF	B1

Green River Formation 1450 to 5400 ft.

4104' - 16'
4138' - 44'
4656' - 62'
5444' - 63'

Plug No.1 TD to 3804 ft.
260 sx of Class-G Cement

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5633.74' KB
TD @ 5700' KB

Wasatch Formation 5950 ft.

PLUGGING PROCEDURE

Enter the well w/tbg and wash to TD. If the well is not dead,circulate mud with sufficient weight to kill the well. Pump a balanced cement plug using 260 sacks across the Douglas Creek Member of the Green River Formation from TD to at least 300 ft above the upper most perfs. The production csg will be perforated for two feet using 4 SPF at a point 100 ft below the surface csg shoe. Circulation will be established to surface and cement will be circulated to fill the production csg & the annulus from the perforations to surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface & the bottom will be 100 ft below the surface csg shoe. A P&A marker will be set to identify the location.

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